Marine Coatings Performance for Different Ship Areas. Vol. II of II

U.S. Department of Commerce Administration

in cooperation with

Avondale Shipyards, Inc.

New Orleans, Louisiana

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Report Documentation Page

Form Approved OMB No. 0704-0188

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COMPUTER PROGRAM DESCRIPTION

Foreword

The Computer Program developed as a result of this pro j ect offers one approach to intelligent paint selection. Properly designed laboratory testing can be used to reinforce the selection.

The Program Prinout is contained in its entirety in this Volume. Refer to Section 1.2.2 (Use of Computer Program) in Volume 1, Marine Coatings Performance for Different Ship Aeas.

Transportation Research institute



COMPUTER PROGRAM DESCRIPTION

7 0 7 1 2

System Narrative

The initial phase of the Paints and Coatings Performance System (PCP) provides basic reporting capabilities. All data collected on the Ships Paints/Coatings Performance - Service Histories Questionnaire is punched into a detail report which can be printed in various sequences. The initial system does not provide maintenance or editing . capabilities for this data.

File Maintenance

The PCP data used by this system is maintained in card format. Any additions, deletions, or corrections must be manually made to the original card record. The unique control number assigned to each questionnaire is the field used to identify all information relating to a specific questionnaire. -Non-unique control numbers will result in erroneous information on the PCP Report.

System Input

The following card inputs are required to produce the PCP Report:

- PCP Data File contains all information collected on the PCP Questionnaire (see Attachment I) in card format.
 Attachment II contains the card formats and directions for keypunching the PCP card records.
- 2) Control Card specifies the desired sequence of the PCP Report (see Attachment III) as follows:

- 01 * Ship Name Sequence
- 02 = Type of Ship Sequence
- 03 = Trade Route Sequence
- 04 = Area\ System Sequence
- 3) Description Tables provide descriptive definitions for specific numberic codes used on the PCP Questionnaire (see Attachment IV). Tables must be provided to describe the type of ship, trade routes, area/systems, surface preparation, and types of paints. Each table entry contains a code to specify the type of table, a numeric code and its associated description.

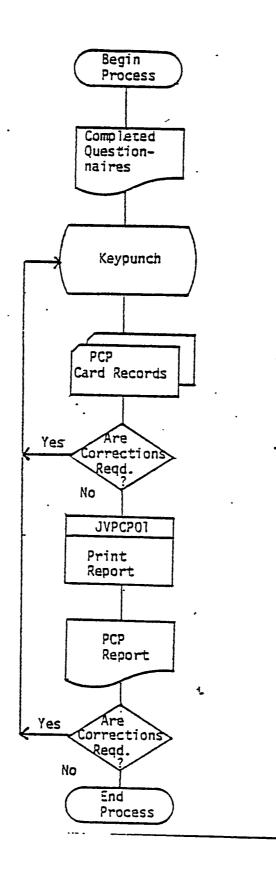
System Output

The following outputs are produced by the PCP System, dependent upon the type report specified in the Control Card:

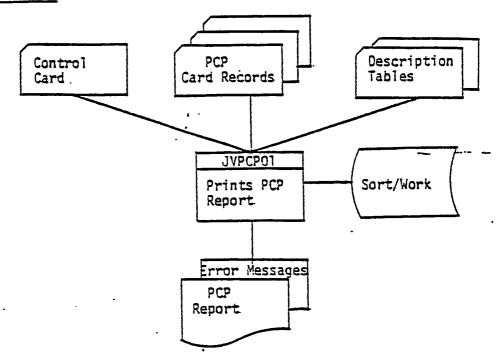
- PCP Report By Ship Name: lists all data for each questionnaire in ship name sequence.
- PCP Report By Ship Type: lists all data for each questionnaire in type of ship sequence.
- PCP Report By Trade Route: lists all data for each questionnaire in Trade Route sequence. If a question-naire has multiple trade routes, the information will appear under each applicable category.
- PCP Report By Area/System: lists only the data applicable to each area/system in area/system sequence. If a questionnaire has multiple area/system, the information for that questionnaire will appear unclear in all applicable categories.

In Addition to the above variations of the PCP Report, the following error messages may occur:

Error Message	Cause	Action Required
No Valid Control Card for Report Request- Rerun Job using Control Card	Control Card is missing or the type - report is not specified correctly.	Correct control and rerun
Error in Input card	Card code is not '01' or '03' Numeric code for area/system is incorrect	Contact responsible analyst
Axes Description Tables too small	The table contains more entries than allowable in program	Contact responsible analyst
Type Description tables too small	The table contains more entries than allowable in program	Contact responsible analyst
Route Description Table too small	The table contains more entries than allowable in program	Contact responsible analyst
Sur Prep Description Table too small	The table contains more entries than allowable in program	Contact responsible analyst
Paint Description Table too small	The table contains more entries than allowable in program	Contact responsible analyst



Program Flow - JVPCP01



- 1. Sort cards by control #, card type
- 2. Build records based upon type of report request
 - Request by Name or Type of Ship -build one record for each unique control #
 - Request by Trade Route build one record for each trade route within a control # (up to 5 records)
 - Request by Area build one record for each area/system
 within a control # (up to 11 records)
- 3. Sort records by appropriate sort key based upon type of report required
 - Request by Name Ship Name, Control #
 - Request by Type of Ship Type of Ship, Ship Name, Control #
 - Request by Trade Route Trade Route, Ship Name, Control #
 - Request by Area Area, Ship Name, Control #
- 4. Print Report report format and control breaks will be determined by type of report request

SHIPS PAINTS/COATINGS PERFORMANCE-SERVICE HISTORIES QUESTIONNAIRE

			CONTROL NUMBER
0 1	1 OPTIONAL INFORMATION:		
	OWNER SI	HIPS NAME	BUILDER
 0 2	TYPE OF SHIP (Please circle most appropriare type)		
	TANKER 1 0 / DRY CARGO 1 1 / FISHING 1 2 /	080 13 / CON	TAINER 1 4 / FERRY 1 5 /
	RO-RO 1 6 / REEFER 1 7 /		
0 3	3 TRADE ROUTE (Please circle most appropriate route)		
	SOUTH PACIFIC 2 0 / WEST INDIES 2 1 / NORTH AT	LANTIC 22 /	SOUTH ATLANTIC 23 /
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043	FREEBOARD	1	1	2	ı		3	1	1	4				5	1	I	6	ļ.		7		
044	EXTERIOR DECKS	1	1	2	1		3	1		4			I	5	1		6	1	1	7	1	1
045	EXTERIOR SUPER— STRUCTURE	1		2			3	1		4				5			6			7		
048	CARGO HOLDS & SPACES	1		2			3		1	4				S			6	1		7	1	
047	PRODUCT TANKS	1		2			3			4				5			6	1		7	1	
048	BALLAST TANKS	1		2			3			4	1			5			6			7		1
C49	MACHINERY SPACES	1	1	2	1		3	1	1	4	1		1	5	ì	ı	8	1	1	7	ì	1

SURFACE PREPARATION CODE NUMBERS 10. SSPC-SP-1 11. SSPC-SP-3 12. SSPC-SP-5 13. SSPC-SP-6 14. SSPC-SP-10 PAINT TYPES 15. Alkyd 16. Alkyd, Silicone 17. Alkyd. Modified Acrylic 49. Polystyrene 37. Bituminous 32. Chlorinated Rubber 33. Emulsion Latex Polyurethane 33. Emulsion Latex
34 Epanol. Phenoxy
35. Epoxy. Adduct
36. Epoxy, Coal Tar
37. Epoxy. Esar
39. Epoxy. Ketamine
39. Epoxy, One Component
40. Epoxy. Phenolic
41. Epoxy, Polyamine
42. Epoxy, Polyamine
43. Epoxy, Polyamine
44. Epoxy, Other
45. Laequer
46. Metal Spray, Aluminum
47. Metal Spray, Zinc
48. Polyester

50. Polyvinyl Chloride Copolymer
52. powder
53. Varnish
54. Vinyl
55. Vinyl Alkyd
56. Wash Primer
57. Water Borne, Epoxy
58. Water Borne, Enamel
2inc, Galvanized
59. zinc, Inorganic, Post Cure
61. zinc, Inorganic, Self Cure Solvent Based
62. Zinc, Inorganic, Self Cure Water Based
63. Zinc, Inorganic, with conducive Extenders
64. zinc: Inorganic, Other
65. Zinc. Organic
66. Others
66. Others 50. Polývinyl Chloride Copolymer 18. Alkyd. Vinyl
19. Antifouling, Coal Tar Epoxy,
20. Organomeralic
21. Antifouting Chlorinated Rubber, Cooper 22- Antifouling, Chlorinated Rubber. Organometalic 23. Anti fouling, Eooxy, Cooper 24. Anti fouling, Epoxy. Organometalic 25. Anti fouling, Hot Plastic Cooper 26. Anti fouling, Rubber Sheet, Organo-27. metalic

26. Antifouling, Vinyl, Cooper 29. Antifouling Vinyl Organometalic

66. Others 48. Polyester

30. Antifouling, Other

(Over)

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Ships Paints/Coatings Performance Keypunch Directions

The following directions and card layouts are to be used for punching the attached Ships Paints/Coatings Performance Questionnaire's. The fields marked in yellow on the sample sheet correspond to the data fields that would be punched. If you have any questions, please call Donna Harris at 724-7700 ext. 2431.

Card Code 01: One card will be punched for each sheet.

Card Cals	Field Name	Field Type	Comments
1-5	Control Number	A/N	
6-7	Card Code	N	Always punch '01'
8-27	Owner	A/N	
28-44	Ship Name	A/N	
45-64	Builder	A/N	
65-66	Type of Ship	A/N .	Punch numeric code circled
67-76	Trade Routes	A/N	Punch each 2.digit code circled up to a maximum of 5 codes.
77'-78	Ship Age	A/N	Punch whatever is present, right justify, space fill.

Card Code 02: One card for each line entry on the sheet.

Card Cols	<u>Field Name</u>	Field Type	Comments
1-5	Control Number	A/N ·	
6-7	Card Code	N	Always punch '02'
8-11	System Age	A/N	Punch whatever is present, including decimal point, right justify, space fill.
12-14	Area	A/N	Punch 3 digit numeric code. If more than 3 digits, omit leading zeroes.
15-16	Surface Prep.	A/N	

ATTACHMENT

Card Cols	Field Name	Field Type	Comments
17-18	Primer Type	A/N	
19-21	Primer Mils	A/N	Omit any decimals. This is a 3 position field. Right Justify all Mils.
22-23	Coat #2 Type	A/N	(The type and roils are repeated for each cost of paint)
24-26	Coat #2 Mils	A/N	
27-28	Coat #3 Type	A / N	
29-31	Coat #3 Mils	A/N	
32-33	Coat #4 Type	A/N	
34-36	Coat. #4 Mils	A/N	
37-38	Coat #5 Type	A/N	
39-47	Coat #5 Mils	A/N	
42-43	Coat #6 Type	A/N	
44-46	Coat #6 Mils.	A/N	

Card Code 03: One card will be punched for each category completed.

Card Cols	Field Name	Field Type	Comments
1-5	Control Number	A/N	
6-7	CardC ode	N	Always punch '03'
8-11	A-Code	N	Punch 4 digit code which corresponds to the (2) entry.
12	A-Rank	N	Punch the code which corresponds to the block checked.
13-16	B-Code		
17	B-Rank		(Same as for A-Code
18-21	C-Code		and A-Rank)
22	C-Rank		and A-Rank)

ATTACHMENT II

<u>Card Cols</u>	Field Name	Field Type	Comments
23-26	0-Code		
27	0-Rank		(Same. as for A-Code
28-31	E-Code		and A-Rank)
32	E-Rank		

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16. Alkyd. Silicone
17. Alkyd. Modifled Acrylic
18. Alkyd, Vinyl
19. Antifouling, Coal Tar Epoxy.
20. Organometalic

21. Anti fouling. Chlorinated Rubber. copper

22. Antifouling, Chlorinated Rubber. Organometalic

23, Antifouling, Epoxy, Copper 24. Anti fouling, Epoxy, Organometalic, 25. Antifouling, Hot Plastic, Copper 26. Antifouling, Rubber Sheet, Organa-27. metalic

28. Antifouling, Vinyl, Capper
29. Antifouling Vinykl Organometatic
30. Anti fouling Other

32 Chlorinated Rubber 33. Emulsion Latex

49. Polystyrene.
50.. Polyurethane
51. Polyuinyl Chloride Copolymer
52. Powder
53. Varnish
54. Vinyl

33. Emulsion Latex
Epanol, Phenoxy
34. Epoxy. Addua
36. Epoxy. Coal Tar
37. Epoxy, Ester
38. Epoxy, Ketamine
39. Epoxy, One Component
40. Epoxy, Phenolic
41. Epoxy, Polyamide
42. Epoxy. Polyamide
43. Epoxy. Polyamide
44. Epoxy. Polyamide
45. Lacquer
46. Metal Spray, Aluminm
47. Metal Spray, Zinc 48. Polyester

39. Folyvinyl Chloride Copolymer
52. Powder
53. Varnish
54. Vinyl
55. Wash Primer
57. Water same, Epoxy
58. Water Borne, Enamel
59. Zinc, Galvanized
60. Zinc, Inorganic Post Cure
61. Zinc, Inorganic Self Cure Solven Based
62. Zinc, Inorganic, Self Cure Water Seed
63. Zinc, Inorganic, with conductive Examplers
64. Zinc Inorganic
65. Zinc Organic
66. Others
66. Others

FOR

	Offsloors Power Systems - fore 169	MULTIPLE-CARD LAYOUT	FORM	
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TEF234E D 743,JVPCP01

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IEF234E D 743

IEF234E D 744, ASP744

IEF234E D 746, ASP746

IEF234E P 748, JVPCPO1

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       JVPČPÕĪ
  //JVPCPO1 JUB (JV40335, JVNS), O HABRIST, REGION=200K, TIME=(10.59)
//STEP1 EXEC PCBACLGS, CPARM='XREF, CLIST, DMAP, LINECHT=55'
XXDEFAULT PROC CVFR=.CPARM=.LPARM='MAP.LET.LIST'.LCOND='5.LT.COB'.
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GGUND="5,LI,LKED",DISP1=NEW.DISP2=PASS,DISP3=DELETE,

XX

LMUDSP="2,LI,T,PC)NN="1,LI,PANU",SVEP=,

PDSN="NS.PAN.VALET"

XXPANU EXEL PGM="PANWI,REGIUN=80K

XXSYSPRINT DD SYSDUT=A,DCD=(RECFM=FBA,LRECL=121,RLKSIZE=847)

XXSYSPUNCH DU DUMMY

XXPANDD1 DD DUMMY

XXPANDD1 DD DUMMY

XXPANDD1 DD DSN=GCSTDURCE,DISP=SHP

IFF653I SUBSTITUTION J.L - DSN=NS.PAN.VALET,DISP=SHR

XXPANDD2 DD DSN=GCSTDURCE,UNIT=SYSDA,DISP=(NEW.PASS.DELFTE),

XX

XX

SPACE=(LYL,(2,1,2)),DCB=(RECFM=FB)

XXSYSUDUMP DD SYSDUT=A

// PANU.SYSIN DD UNIT=(CIC.,DIFER),DSNAME=GGASP10001,

// DISP=IOLD,DELETE,VOL=SKR=DIST4,DCB=(LRECL=87,BLKSIZE=87,RECFM=F)
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TEFGS 1 SUBSTITUTION JCL - UNIT = (SYSDA, SFP=SURTHKOI), SPACE = (CYL, (10), CUNTIG)

XXSUPTUKU3 DD UNIT = (SYSDA, SFP=SURTHKOI),
XX SPACE = (CYL, (ESCYL), CONTIG)

1 FGS3 SUBSTITUTION JCL - SPACE = (CYL, (10), CUNTIG)

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XXXYXABEND DD SYSDUT=A

//GU-SDRTCD DD DSH=GFTCMP1, UNI I=SYSDA, DISP=(HEA, DELETE),

//GU-SDRTCD DD DSH=GFTCMP1, UNI I=SYSDA, DISP=(HEA, DELETE),

//GU-SDRTCD DD DSN=GFTEMF2, UNI I=SYSDA, DISP=(HEA, DELETE),

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18 YOL SER NIS= SYIPES

18 SYST 8286-1175638-RV001-JVPCP01-R0009078

18 YOL SER NIS= 603C07-

18 YOL SER NIS= SYIPES

18 YS 78286-1175638-RV001-JVPCP01-R0009078

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18 YS 78286-1175638-RV001-JVPCP01-R0009078

18 YOL SER NIS= 603C08-

18 YS 78286-1175638-RV001-JVPCP01-R0009078

18 YS 78286-1175638-RV001-JVPCP01-ASPOE006

18 YS 78286-1175638-RV001-JVPCP01-ASPOE006

18 YS 78286-1175638-RV001-JVPCP01-TEMP1

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RESTINGUOUSE ELECTRIC CORPORATION RS.PAN.VALET

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SERIAL 013695

PANVALET THE PROGRAM MANAGEMENT AND SECURITY SYSILM

PROGRAMS AND ALL SUPPORTING MATERIALS COPYRIGHT 1975 BY PANSOPHIC SYSTEMS, INCORPORATED

++WRITE WORK, JYPCPOI ***** ABOVE ACTION SATISFACTORILY COMPLETED *****

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00001 00001 00002 00002 00003 00003 00005 00005 00006 00007 00006 00007 00008 00009 00009 00009 00011 00011 00012 00012 00013 00013	IDENTIFICATION DIVISION. PROSPAM-ID. JVPCPOI DATE-COMPILED. OCT 14,1978. AUTHOR. PREMARKS. THIS PROGRAM PERFORMS THE FOLLOWING FUNCTIONS USING CARD INPUT PUNCHED FROM THE SHIPS PAINTS/COAT OUESTIONAIRE: -INPUT CARDS ARE SURIED BY CONTROL NUMBER & CARD CODE TREPORT RECORDS ARE BUILT BASED UPON TYPE REPORT REQUESTED -REPORT BECORDS ARE THEN SOBTED INTO APPROPRIATE REPORT IS PRINTED USING SORTED RECORDS.	08/02/78 JVPCP01 LV014 JVPCP01
00015 00015 00016 00016 00017 00017 00018 00018 00019 00019 00020 00021 00021 00021 00022 00022	ENVIRONMENT DIVISION. INPUI-OUTPUI SECTION. FILE-CONTROL SELECT CARDIN ASSIGN ID UI-S-CARDIN. SELECT SORTED ASSIGN ID UI-S-SORTED. SELECT PCPREC ASSIGN ID UI-S-PCPREC. SELECT SURIPR ASSIGN ID UI-S-SORTPR. SELECT PRINTR ASSIGN ID UI-S-PRINTR.	JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI
00024 00024 00025 00025 00026 00026 00027 00027 00028 00029 00029 00029 00030 00030 00031 00031 00032 00032 00033 00033 00034 00034	DATA DIVISION. FILE SECTION. FO CARDIN RECORDING MODE IS F LABEL PECORDS APE DMITTED RECORD CONTAINS BO CHARACTERS DATA RECORD IS CARD-IN. O1 CARD-IN. O5 C-PROG PIC XIII. O5 C-REPURT PIC XXIII. SD SORTCD RECORDING MUDE IS F RECORD CONTAINS BO CHARACTERS DATA RECURD IS SORT-CARDI, SORT-CARD2, SORT-CARD3. O1 SURT-CARDI IS SORT-CARDI, SORT-CARD3. O1 SURT-CARDI IS SORT-CARDI, SORT-CARD3. O5 SC-CODE PIC XXII. O5 SC-CONTROL PIC XXII. O5 SC-CONTROL PIC XXII. O5 SC-CONTROL PIC XXII. O5 SC-CONTROL PIC XXII. O5 SC-CHIP-NAME PIC XIII.	JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI
00037 00037 00038 00038 00039 00039 00040 00049 00041 00041 00042 00042 00043 00043 00044 00044 00045 00045 00046 00046	SD SURTCD RECORDING MODE IS F RECORD CONTAINS 80 CHARACTERS DATA RECORD IS SORT-CARD1, SORT-CARD2, SORT-CARD3, O1 SURT-CARD1. O5 SC-CONTROL PIC X(5), O5 SC-CODE PIC X(5), O5 SC-COMPRANTE PIC X(20), O5 SC-SHIP-HAME PIC X(20), O5 SC-BUILDER PIC X(20),	JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI

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00048 00048 00049 00049 00050 00050 00051 00051 00052 00052	OS SC-TYPE-OF-SHIP PIC XX. OS SC-TRADE-ROUTE OCCURS 5 TIMES PIC XX. OS SC-SHIP-AGE PIC XX. G5 FILLER PIC XX.	JVPCP01
00054 00054 01 00055 00055 00056 00056 00057 00057 00058 00058	SORT-CARD2. 05 SC-[C P[C X[7]. 05 SC-SYSTEM. 10 SC-AGE P[C X[4]. 10 SC-SYS P[C X[3]. 10 SC-SURFACE-PREP PIC XX.	JALCEOI JALCEOI JALCEOI JALCEOI JALCEOI JALCEOI JALCEOI JALCEOI JALCEOI JALCEOI
00060 00060 00061 00061 ; 00062 00062 00063 00063 00064 00064	OS SC-TYPE-OF-SHIP OS SC-TRADE-ROUTE OCCURS 5 TIMES PIC XX, OS SC-SHIP-AGE PIC XX, SORT-CARD2. OS SC-FC OS SC-FC OS SC-SYSTEM. LO SC-SYSTEM. LO SC-SYSTEM. LO SC-SYSTEM. LO SC-SYSTEM. LO SC-PAINT-SYSTEM OCCURS, 6 TIMES. LS SC-MILS-12 PIC XX, LS SC-MILS-12 PIC XX, LS SC-MILS-3 PIC XX, LS SC-MILS-3 PIC XX, OS FILLER SORT-CARD3. OS FILLER OS SC-FLO LO SC-FL	JVPCPO1 CL * 1 2 CL * 1 2 CL * 1 2 JVPCPO1 JVPCPO1
00067 00067 00068 00068 00069 00069 00070 00070 00071 00071	OS FILLER OS SC-EVALUATION ECCURS 5 TIMES: 10 SC-FLD PIC X(4), 10 SC-RANK PIC X PIC X(48), 05 FILLER PIC X(48),	JVPCPOI JVPCPOI JVPCPOI JVPCPOI
00073 00073 FD 00074 00074 00075 00075	PCPREC RECURDING MODE IS E LABEL RECORDS ARE STANDARD	JA66601
00077 00077 00078 00078 0007801	BLOCK CONTAINS O RECORDS RECORD CONTAINS 600 CHARACIERS DATA RECORD IS PGP-REC, RCP-REC	JVPCPOI JVPCPOI JVPCPOI
00077 00077 00078 00078 000790007901 00081 00082 00083 00083 00084 00085 01 00085 00085 01 00087 00087	RECORDING MODE IS F RECORD CONTAINS 600 CHARACTERS DATA RECORD IS SORT-PCP. SORT-PCP. OS SP-KEY OS FILLER PIC X 15741.	JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI
00077 00077 00078 00078 00079 00079 01 01 01 00081 00081 00083 00083 00083 00085 01 00085 01 00087 00087 00087 00087 00087 00089 00091 00091 00092 00092 00093 00093 00093 00094 01	BLOCK CONTAINS O RECORDS RECORD CONTAINS 600 CHARACTERS DATA RECORD IS PCP-REC, PCP-REC SORTPR RECORDING MODE IS F RECORD CONTAINS 600 CHARACTERS DATA RECORD IS SORT-PCP. SORT-PCP. OS SP-KEY OS FILLER PRINTR RECORDS ARE DMITTED RECORD CONTAINS 133 CHARACTERS DATA RECERD IS PRINT-LINE PPNI-LINE PIC X(133),	JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI

00096 00097 00098 00099 00100 00101 00102 00103	00096 WOR 00097 C1 00098 00100 - 00101 - 00102 00103	KING-STORAGE SECTION. HEADER-01. O5 FILLER O5 FILLER O5 HI-PAGE O5 FILLER	PIC X(41) VALUE SPACES. PIC X(59) VALUE OFFSHORE POWER SYSTE CL**5 PIC X(59) VALUE OFFSHORE POWER SYSTE CL**5 PIC X(5) VALUE SPACES. PIC X(5) VALUE SPACES. PIC X(24) VALUE SPACES. PIC X(35) VALUE SPACES. PIC X(36) VALUE ISHIPS BAINTS/COATING CL**3 'S PERFORMANCE SUMMARY'. PIC X(8) VALUE SPACES. PIC X(8) VALUE SPACES. PIC X(124) VALUE SPACES. PIC X(124) VALUE SPACES. PIC X(124) VALUE SPACES. PIC X(125) VALUE SPACES. PIC X(126) VALUE SPACES. PIC X(127) VALUE SPACES.
00106 00106 00107 00108 00109 00110	00105 00106 00107 00108 00109 00110 00111	HEADER-02. 05 FILLER 05 FILLER 05 H2-DATE 05 FILLER	JVPCPOI JVPCPOI JVPCPOI JVPCPOI PIC X(46) VALUE ISHIPS BAINTS/COATING CL**3 'S PERFORMANCE SUMMARY', JVPCPOI PIC X(8) VALUE SPACES. JVPCPOI PIC X(24) VALUE SPACES, CL**3
00113 00114 00115 00116 00117 00118	00113 00114 01 00115 00116 00117 00118	HEADER-03. 05 FILLER 05 H3-TITLE 05 H3-DESC 05 FILLER	PIC X PIC X(7) VALUE SPACES: PIC X(40) VALUE SPACES: PIC X(85) VALUE SPACES: JVPCPOI PIC X(85) VALUE SPACES: JVPCPOI
00120 00121 00122 00123 00124 00125 00126	00122 00123 00124 00125	05 FILLER 05 H4-NAME	PIC X(54) YALUE SURFACE SYSTEM CL**5 PIC X(54) YALUE SURFACE SYSTEM CL**5 PIC X(23) VALUE SURFACE SYSTEM CL**5 PIC X(23) VALUE SUIP CO CL**3
00128 00129 00130 00131 00132 00133 00134 00135	00128 00129 01 00130 00131 - 00132 00133 - 00134 00135	HEADER-05. 05 FILLER 05 FILLER 05 FILLER C5 H5-NAME	PIC X(52) VALUE ! OF SHIP ROUJVPCPOI PIC X(36) VALUE !PREPARATION .AGE CL**5 THICK. AGE CL**5 PIC X(23) VALUE !EVALUATION!. JVPCPOI PIC X(23) VALUE !EVALUATION!. NO CL**3 !!!. X(22) VALUE !EVALUATION!. CL**3
00138 00139 00140 00141 00142 00143 00144 00145 00146	00138 00139 00140 00141 00142 00143 00144 00145	DLTAIL-DI. 05 FILLER 05 DI-TYPE-OF-SHIP 05 DI-TRADE-ROUTE 05 DI-ARFA 05 DI-SUR-PRER 05 DI-AGE 05 FILLER 05 DI-AGE-LII	PIC X VALUE SPACES. JVPCP01 PIC X(12) VALUE SPACES. JVPCP01 PIC X(14) VALUE SPACES. JVPCP01 PIC X(25) VALUE SPACES. JVPCP01 PIC X(11) VALUE SPACES. JVPCP01 PIC X(4) VALUE SPACES. JVPCP01 PIC X VALUE SPACES. JVPCP01 PIC X VALUE SPACES. JVPCP01 PIC X VALUE SPACES. JVPCP01

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J0148 00149 00150 00151 00152 00153	00148 00149 00150 00151 00152 00153		05 05 05 05 05	FILLER DI-SHIP-AGE FILLER DI-SHIP-NAME DI-CONT-NO	PIC X(11) PIC XX PIC X(27) PIC X(17) PIC X(5)	VALUE VALUE VALUE VALUE	SPACES. SPACES. SPACES. SPACES. SPACES.		CL**5 CL**5 CL**5 CL**3 CL**3 IVPCPO1	. ~
00155 00156 00157 00158 00159	00155 00154 00157 00158 00159 00160	01	D555555	A IL-C2. FILLER D2-TRADE-ROUTE D2-COAT D2-TYPE D2-MILS	PIC X(13) PIC X(14) PIC X(8) PIC X(37) PIC XX	VALUE VALUE VALUE VALUE	SPACES. SPACES. SPACES. SPACES.		IVPCPOL IVPCPOL IVPCPOL IVPCPOL IVPCPOL	A construction of the second o
00161 00162 00163 00164 00165 00166 00167	00162 00163 00164 00165 00166 00166		055 055 055 055 056 068	D2-MILS-DEC D2-MILS-LIT D2-EVAL D2-KANK FILLER K-REC.	PIC X(6) PIC X(20) PIC X(20) PIC X(25)	VALUE VALUE VALUE VALUE	SPACES. SPACES. SPACES. SPACES.		IVPCPOI IVPCPOI IVPCPOI IVPCPOI IVPCPOI IVPCPOI	
00168 00169 00170 00171 00172 00173	00168 00169 00170 00171 00172 00173		05555	WR-SURT-KEY WR-CONT-NO WR-SHIP-NAME WR-TYPS WK-TRADE-ROUTE WR-SYSTEM CCCURS 10 WR-AGE	PIC X(26) PIC X(17) PIC X(17) PIC XX PIC X(4).	s pic	XXa		IVECTOL IVECTOL IVECTOL IVECTOL IVECTOL IVECTOL	man version en
00175 00176 00177 00178 00179 00180	00175 00176 00177 00178 00179 00180			10 WR-AREA 10 WR-SURFACE-P 10 WR-PAINTS OC 15 WR-TYPE 15 WR-MILS. 20 WR-M	PREP PIC XX. CURS 6 TIMES, PIC XX.	, , , , , , , , , , , , , , , , , , ,			IVPCPOI IVPCPOI IVPCPOI IVPCPOI IVPCPOI	a kara a a a a a a a a a a a a a a a a a
00181 00182 00183 00184	00182 00183 00184		05	10 WR-RÄNK ÖCCE FILLER WR-SHIR-AGE	irs 5 times pi Pic X(54) Pic XX.	C X.		1	VPCPOI CL**5 CL**5	e e e e e e e e e e e e e e e e e e e
00186. 00187 00188 00189 00190 00191	00186 00187 00188 00187 00190	01	. REP 05 05	ORT-SORT-KEY. SHIP-NAME-KFY. 10 SN-NAME 10 SN-CHNT-NU 10 FILLER TYPE-SHIP-KFY RE	PIC X(17) PIC X(5) PIC X(4) PIC X(4)	VALUE VALUE VALUE NAME-K	SPACES. SPACES. SPACES.		VPCPOI VPCPOI VPCPOI VPCPOI VPCPOI	معد لهو د مصور در دولاد در آدم می کند. در موجود در آدر در د
00192 00194 00195 00196 00197	00192 00193 00194 00195 00196 00197		05	IS NAME IO IS-CONT-NO IO FILLER IRADE-ROUTE-KEY IQ TR-POUTE	REDEFINES SHI	P-NAME:	-K tY .		VPCPOI VPCPOI VPCPOI VPCPOI VPCPOI	

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00198 00199 00200 00201 00202 00203 00204 00205	00198 00199 00200 00201 00202 00203 00204 00205	05 .	TR-NAME LO TR-CONT LO FILLER SYSTEM-AREA LO SA-AREA LO SA-RANK LO SA-NAME LO SA-CONT	-NO PI	C X(17). C X(5). HES SHIP-N C X(3). C X(17). C X(17).	IAME-KEY.	e kanser saar i di Sahaa	 104546 104546 104546 104546 104546 104546 104546	7	natural and a supplementary and a supplementar	un kebi siranlanis
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7 00248. 00249	00248 00249		10 AT-CUDE 10 AT-DESC	PIC X. PIC X(7).	• .		. JV PC (201 .**3	
03251 03252 00253 002554 00255 00256 00257 00258 00259 00260	00251 00253 002554 002255 002257 002257 002258 002258 002258	01 FUU 05 05 05 05 01 F1L 05	LING-DESC. FILLER PIC X FILLER PIC X FILLER PIC X FILLER PIC X LER REDEFINES (FOULING-TABLE 10 FI-CODE	(8) VALUE 11GRAS 18) VALUE 12SHEL 18) VALUE 13SLIN 18) VALUE 14COME FOULING-DESC OCCURS 4 FIMES PIC XI	S		1 VP CI 1 V	201 201 201 201 201 201 **8 201	
00265 00266 00268 00269 00270 00271 00272 00273 00273	00262 00263 00264 00265 00266 002267 002270 002271 002271 002271 002271	01 WOODS 55555555555555555555555555555555555	K-FIELDS. PG-CNT PG-CNT LN-CNI TYPE-REPORT REC-OUT FIRST-REC HOLD-CONTROL AREA-SUB EVAL-SUB LA-SUB LR-SUB LS-SUB LS-SUB LS-SUB	PICC XX 5 1	VALUE VALUE VALUE VALUE VALUE VALUE VALUE VALUE VALUE VALUE	ZEROESS. ZEROESS. ZEROESS. ZEROESS. ZEROESS. ZEROESS. ZEROESS. ZEROESS. ZEROESS. ZEROESS.	1	201 201 201 201 201 201 201 201 201 201	
00281 00282 00283	00276 002778 0022770 00022812 0002283 0002283 0002283 0002289 0002289 0002289 0002292 0002292	u 5595555555555555555555555555555555555	FILLER 10 FILLER 10 FILLER RANK ROUTE-SUB HOLD-APEA TYPE-SUB PAINI-SUB KANK-SUB FIRST-PRINT SC-AREA WK-MILS-1 10 WK-MILS-2	PIC 77 ASHEM SX 1 1235C0 E 1225C0 E 122	VALUE UE VALUE EF VALUE UE VALUE VALUE UE VALUE VALUE UE VALUE VALUE UE VALUE VALUE	SPACES.	7	701 201 201 201 201 201 201 201 201 201 84 84 81 22 81 22	

3 433 W 444 / / /

00295 00 00296 00 00297 00 00298 00 00299 00 00300 00 00301 00 00302 00	0294 PRO(0295 0296 0297 0298 0299 0300 0301 0302 0303	CEDURE DIVISION. OPEN IMPUT CARDIN DUIPUT PCPREC PRINTR. MOVE CURRENT-DATE TO H2-DATE. MOVE SPACES TO HORK-REC. MOVE SPACES TO DESCRIPTION-TABLES. SORT SORTED ON ASCENDING KEY SC-CONTROL SC-CODE INPUT PROCEDURE 100-SORT-INDUI THRU 120-SORT-EXIT. OUTPUT PROCEDURE 200-BUILD-RECORD THRU 260-BUILD-EXIT.	JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01
00308 00 00309 00 00310 00 00311 00 00312 00 00313 00 00314 00	73 07 03 08 03 09 03 10 03 12 03 12 03 13 03 14 03 15 03 16	CLOSE PCPREC. DPEN INPUT PCPREC. SURI SORTPR ON ASCENDING KEY SP-KEY INPUT PROCEDURE 300-SORT-REPORT THRU 320-SORT-FXIT. OUTRUT PROCEDURE 400=BRINT=REPORT THRU 460-PRINT-FXIT. DISPLAY REPORT RECURDS CREATED 1 REC-DUT. CLOSE PRINTE CARCIN PCPREC.	JVPCPOI JVPCPOI JVPCPOI JVPCPOI JVPCPOI

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00318 00318 00319 00320 00320 00320 00321 00321 00322 00322 00323 00323 00324 00324 00325 00325 00326 00326 00327 00327	100-SORT-INPUT SECTION. 110-SORT-READ. READ CARDIN AT END GO [C 120-SORT-FXII. IF C-CTLC = ICTLC! MOVE C-REPORT TO TYPE-REPORT GO TO 110-SORT-KFAD. MOVE CARO-IN TO SORT-CARD1. RELFASE SORT-CAFD1. GO TO 110-SORT-READ. 120-SORT-FXII. EXII.	JVPCPOI JVPCPOI JVPCPOI
003333 0003332 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003333 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003334 0003335 0003335 0003335 0003335 0003335 0003335 0003335 00035 00035	200-BUILD-RECURD SECTION, 210-BUILD-CILC-CHECK. IF TYPE-REPORT = '01' DR '02' DR '03' DR '04' FLSE DISPLAY 'NO VALID CONTROL CARD FOR REPORT REQUEST! DISPLAY 'NO VALID CONTROL CARD FOR REPORT REQUEST! CLOSE CARDIN PRINTR PCPREC STOP RUN. 1F TYPE-REPORT = '01' MUYE SPACES TO H4-NAME H5-NAME, 220-BUILD-READ. RETURN 70D-HRITE-KEC GO IO 260-BUILD-EXEC GO IO 220-BUILD-EXEC GO IO 220-BUILD-EXEC GO IO 220-BUILD-EXEC HOVE SC-CONTROL TO HOLD-CONTROL ADVE SC-CONTROL TO HOLD-CONTROL HOVE SC-CONTROL TO HOLD-CONTROL ADVE SC-CODE = '01' GL TO 230-BUILD-01. IF SC-CODE = '02' GO ID 250-BUILD-03, PERFORM 920-ERROR-ROUTINE. 230-BUILD-OI - ON TROL TO WARK-REC. HF SC-CODE = '03' GO ID 250-BUILD-03, GO IO 220-BUILD-PFAD; ADVE SC-CHADE-ROUTE ID WAR-TRADE-ROUTE [1]. MOVE SC-THADE-ROUTE [2] TO WAR-TRADE-ROUTE [2]. MOVE SC-THADE-ROUTE [3] TO WAR-TRADE-ROUTE [3]. MOVE SC-THADE-ROUTE [3] TO WAR-TRADE-ROUTE [3]. MOVE SC-THADE-ROUTE [3] TO WAR-TRADE-ROUTE [3].	JVPCP01

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00368 00369 00370 00371 00373 00374 00376 00376 00377 00378 00381 00381 00386 00386 00386 00388		MOVE SC-TRADE-ROUTE (5) TO WR-TRADE-ROUTE (5). MOVE SC-SHIP-AGF TO WR-SHIP-AGE. 240-BUILD-02. MOVE ZEROES TO AREA-SUB. MOVE SC-SYS TO SC-APEA. PERFORM 910-CONVERT-AREA. IF AREA-SUB = ZEPOES. PERFORM 920-ERROR-ROUTINE GO TU 220-BUILD-READ. PERFORM 9000-CHECK-MILS VARYING DESC-SUB FROM 1 BY 1 UNIT DESC-SUB > 6. MOVE SC-SYSIEM TO WR-CONT-NO. MOVE SC-SYSIEM TO WR-SYSTEM (AREA-SUB). 250-BUILD-03. MOVE SC-CONTROL TO WR-CONT-NO. PERFORM 600-MOVE-EVALUATION VARYING FVAL-SUB FROM 1 BY 1 UNTIL EVAL-SUB > 5. 260-BUILD-EXII. EXII.	CL*12
00392 00393 00394 00395 00396 00398 00399 00400	00392 00393 00394 00395 00396 00397 00399 00399	300-SORI-REPORT SECTION. 310-SORI-READ. READ PCPREC AT END GO TO 320-SORT-EXIT. RELEASE SORT-PCP FROM PCP-REC. GO TO 310-SORT-READ. 320-SORI-EXIT. EXIT.	.JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01
00402 00403 00404 00405 00406 00407 00408 00410 00411 00411	00402 00403 00404 00405 00406 00407 00408 00410 00411 00411	300-SORI-REPORT SECTION. 310-SORI-READ. READ PCPREC AT END GO TO 320-SORT-EXIT. RELEASE SORI-PCP FROM PCP-REC. GO TO 310-SORT-READ. 320-SGRI-REXIT. EXIT. 400-PRINI-REPORT SECTION. 410-PRINI-READ. RETURN SORIPR AT END GO TO 460-PRINI-EXIT. MOVE SORI-PCP TO WCRK-REC. IF FIRST-REC = 1 MOVE O TO FIRST-REC MOVE LOW-VALUES TO REPORT-SORI-KEY. MIVE 7FROES TO FOUTE-SUB FIRST-PPINT. IF TYPE-REPORT = 101 GO TO 420-PRINI-NAME. IF TYPE-REPORT = 102 GO TO 430-PRINI-ROUTE. IF TYPE-REPORT = 103 GU TO 440-PRINI-ROUTE. IF TYPE-REPORT = 104 GU TO 450-PRINI-ROUTE. IF TYPE-REPORT = 104 GU TO 450-PRINI-ROUTE.	106601 106601 106601 106601 106601 106601 106601 106601 106601

00415 00 00416 00 00417 00 00418 00 00419 00 00420 00 00421 00	414 415 416 418 419 422 422	420-PRINT-NAME. PERIORM 950-PAGE-HIFADERS THRU 999-RFPORT-HIFADERS, MOVE WR-SORT-KEY TO REPORT-SORT-KEY. PERFORM 800-SETUP-P(INT VARYING ARFA-SUB) IF (IRST-PRINT = 0 MOVE 1 TO ARFA-SUB) BERFORM 815-SETUP-01. GO TO 410-PKINT-READ. 430-PKINT-IYPE. IF WR-TYPS NOT = IS-TYPE UR LN-CNT > 63 MCVE UR-SORT-KEY TO REPORT-SORT-KEY. PERFORM 800-SETUP-PRINT READERS THRU 999-REPORT-HEADERS. MCVE UR-SORT-KEY TO REPORT-SORT-KEY. PERFORM 800-SETUP-PRINT READERS THRU 999-REPORT-HEADERS. MCVE UR-SORT-KEY TO REPORT-SORT-KEY. GO TO 410-PRINT-READ. 440-PRINT-ROUTE NOT = HOLD-ROUTE UR 1N-CNT > 63 PERFORM 805-PAGE-HEADERS THRU 999-REPORT-HEADERS MOVE WR-SORT-KEY TO REPORT-SCRT-KEY. IF TIRST-PRINT = 0 MOVE 1 TO AREA-SUB PERFORM 800-SETUP-PRINT FROM 1 BY 1 UNTIL AREA-SUB > 11. PERFORM 800-SETUP-PRINT FROM 1 BY 1 UNTIL AREA-SUB > 11. PERFORM 800-SETUP-PRINT FROM 1 BY 1 UNTIL AREA-SUB > 11. PERFORM 950-PAGE-HEADERS THRU 999-REPORT-HEADERS MOVE WR-SORT-KEY TO REPORT-SORT-KEY. IF TIRST-PRINT = 0 MOVE 1 TO AREA-SUB PERFORM 950-PAGE-HEADERS THRU 999-REPORT-HEADERS MOVE WR-SORT-KEY TO REPORT-SORT-KEY. IF SA-AREA NOTE HOLD-AREA OR LN-CNT > 63 PERFORM 950-PAGE-HEADERS THRU 999-REPORT-HEADERS MOVE SA-AREA TO HOLD-AREA. MOVE WR-SORT-KEY TO REPORT-SORT-KEY. IF SA-AREA TO HOLD-AREA. MOVE SA-AREA TO HOLD-AREA. MOVE SA-AREA TO HOLD-AREA. MOVE SA-AREA TO HOLD-AREA. PERFORM 910-CONVERT-AREA. PERFORM 910-CO	JVPCP01 CL**3 JVPCP01 JVPCP01 CL**8 CL**8 JVPCP01 JVPCP01
00424 00 00425 00 00426 00 00427 00	423 425 425 427 428	430-PKINI-TYPE. IF WR-TYPS NOT = TS-TYPE OR LN-CNT > 63 PERFORM 950-PAGE-HEADERS THRU 999-REPORT-HEADERS. MCVE WR-SORT-KEY TO REPORT-SORT-KEY. PERFORM 800-SETUP-PRINT VARYING AREA-SUB	JVPCPO1 JVPCPO1 CL**3. JVPCPO1 JVPCPOI
00429 00 00430 00 00431 00 00432 00 00433 00	429 430 431 432 433	FROM 1 BY 1 UNTIL AREA-SUB > 11. IF FIRST-PRINT = 0 MOVE 1 16 AREA SUB PERFORM 815-SETUP-01. GO TO 410-PRINT-READ. 440-PRINT-ROUTE.	JYPCP01 CL**8 JYPCP01 JYPCP01
00435 00 00436 00 00437 00 00438 00	435 435 436 438 438	TF TP-ROUTE NOT = HOLD-ROUTE OR LN-CNT > 63 PERFORM 950-PAGE-HEADERS THRU 999-REPORT-HEADERS MOVE TR-ROUTE TO HOLD-ROUTE PERFORM 800-SETUP=PRINT PERFORM 1 HY I UNTIL AREA-SUR > 11	JVPCPOI CL **3 JVPCPOI JVPCPOI
00440 00 00441 00 00442 00 00443 00	441 441 443 444	IF FIRST-PRINT = 0 MOVE 1 TO AREA-SUB PERFORM 815-SETUP-DI, GO TO 410-PRINT-READ. 450-PRINT-AREA.	CL**8
00446 00 00447 00 00448 00 00449 00	445 4447 4449	MOVE WR-SORT-KEY TO REPORT-SORT-KEY. IF SA-AREA NOT = HOLD-AREA OR LN-CNT > 63 PERFORM 950-PAGE-HEADERS THRU 999-REPORT-HEADERS MOVE SA-AREA TO HOLD-AREA. MOVE ZEROES TO AREA-SUB.	JYPCPO1 CL ** 3 JYPCPO1 CL ** 4 CL ** 4
00451 00- 00452 00- 00453 00- 00454 00-	450 451 452 453 455	PERFORM 910-CONVERT - AREA. 1F AREA-SUB = ZERUES GO TO 410-PRINT-READ. PERFORM 800-SETUP-PRINT, 1F FIRST-PRINT = O MOVE 1 TO AREA#SUB	JVPCPÖÍ CL***B JVPCPOI CL***B
00456 00- 00457 00-	456 457 458	GU 10 410-PRINT-READ. 460-PPINT-EXIT. EXIT.	JVPCPQI
00461 004	460 461 462 463	500-LOAD-TABLES SECTION. 510-LOAD-COMPART. IF SC-TC = !**AREA ! GO TO 520-LOAD-AREA. IF SC-TC = !**TYPE ! GO TO 53C-LOAD-TYPE.	JVPCPO1
		e and were the state of the sta	the same of the sa

00464 00464
00467 00467 \$29-LUAD-AREA. 00468 00468 IF LA-SUB < 21 ADD 1 TO LA-SUB. 00469 00469 IF LA-SUB > 20 DISPLAY 'AREA DISCRIPTION TABLE TOO SMALL! CL**6 00470 00470 GU TO 570-LTAD-EXIT. 00470 00470 JVPCP01
00471 00471 MOVE SC-SYSTEM TO AREA-TABLE (LA-SUB). 00472 00472 GO TO 570-LOAD-EXIT. 00473 CO473 530-LOAD-TYPE. 00474 00474 IF LT-SUB < 21 ADD 1 TO LT-SUB. CL**6
00475 00475 IF LI-SUB > 27 DISPLAY TYPE DESCRIPTION TABLE TOO SMALL. CL**6 00476 00476
00479 00479 540-LOAD-ROUTE. 00480 00480 IF LR-SUB < 21 ADD 1 TO LR-SUB. 00481 00481 IF LR-SUB > 20 DISPLAY BOUTE DESCRIPTION FABLE TOO SMALL! CL**6
00482 00482
00486 00486 IF LS-SUB < 11 ADD 1 TO LS-SUB. 00487 00487 IF LS-SUB > 10 DISPLAY 'SUB PREP DESCRIPTION TABLE TOD SMALL' CL**6 00488 00488 GO TO 570-LOAD-EXIT. 00489 00489 MOVE SC-SYSTEM TO PREP-TABLE (LS-SUB). JVPCP01
00490 00490 560-LGAD-PAINT. 00491 0C491 560-LGAD-PAINT. 00492 00492 IF LP-SUB < 71 ADD 1 TO LP-SUB. 00493 00493 IF LP-SUB > 70 DISPLAY 'PAINT DESCRIPTION TABLE TOO SMALL. 00494 00494 00494
00494 00494 GO TO 570-LDAD-EXII. TABLE (LP-SUB). JVPCPOI J
00497 00497 570-LOAD-EXIT, 00498 00498 EXIT.
00500 00500 600-MOVE-EVALUATION SECTION. 00501 00501 605-MOVE-COMPARE. 00502 00502 MOVE.SC-FLD (EVAL-SUB) TO EVAL.
00503 00503 MOVE SC-RANK (EVAL-SUB) TO RANK. 00504 00504 IF EVAL = SPACES GO TO 695-MOVE-EXIT. 00505 00505 IF EVAL1 = '1' GC IO 610-MOVE. 00505 00505 IF EVAL1 = '1' GC IO 610-MOVE.
00506 IF EVALL = 121 GO TO 620-MOVE JVPCP01 00507 00507 IF CVALL = 13 GO TO 630-MOVE JVPCP01 00508 00508 IF EVALL = 141 GO TO 640-MOVE JVPCP01 00509 00509 IF EVALL = 15 GO TO 650-MOVE JVPCP01
00500 00500 600-MOVE-EVALUATION SECTION. 00501 00501 605-MOVE-COMPARE 00502 00502 MOVE SC-FLD (EVAL-SUB) TO EVAL. 00503 00503 MOVE SC-FLD (EVAL-SUB) TO RANK, 00504 00504 IF EVAL = SPACES GO TO 695-MOVE-EXIT. 00505 00505 IF EVAL = '1' GC TO 610-MOVE. 00506 00506 IF EVAL = '2' GO TO 630-MOVE. 00507 00507 IF EVAL = '3' GO TO 630-MOVE. 00508 00508 IF EVAL = '4' GO TO 630-MOVE. 00509 00509 IF EVAL = '4' GO TO 640-MOVE. 00510 00510 IF EVAL = '5' GO TO 660-MOVE. 1VPCP01
As a rectangle of the first of

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00514
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                                                         GO TO 695-MOVE-EXIT.
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                                             610-MUVE.
00515
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RANK TO WR-RANK (1, 2).
RANK TO WR-RANK (1, 3).
                                                         IF EVAL = '0511' MOVE
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00529
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                                                         IF EVAL = 'USIS' MOVE
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                                                         GO TO BOS-MOVE-EXIT
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00531
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                                             620-MOVE.
                        00531
                                                                                                                        RANK TO WR-RANK (11, 5).

RANK TO WR-RANK (2, 1).

RANK TO WR-RANK (2, 2).

RANK TO WR-RANK (2, 3).

RANK TO WR-RANK (2, 4).

RANK TO WR-RANK (2, 4).
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EVAL = 105211 MUVE
EVAL = 105221 MUVE
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                                                        IF EVAL = 105231 MOV
IF EVAL = 105241 MOV
IF EVAL = 105251 MOV
GO TO 695-MOVE-EXIT.
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                                             630-MOVE.
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                                                        GO TO 695-MOVE-EXIT.
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                                             640-MOVE.
                                                        IF EVAL = '0542' MOVE RANK TO WR-RANK (4, 2).

IF EVAL = '0543! MOVE RANK TO WR-RANK (4, 3).

IF EVAL = '0544' MOVE RANK TO WR-RANK (4, 4).

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                                            650-MUVE.

IF EVAL = 10552! MOVE BANK TO WRTRANK (5, 2)...

IF EVAL = 10553! MOVE RANK TO WRTRANK (5, 3).

If EVAL = 10554! MOVE BANK TO WRTRANK (5, 3).
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                                            660-MOVE.
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                                                        IF EVAL = '0562' MOVE RANK TO WR-RANK (6. 2).
IF EVAL = '0563' MOVE RANK TO WR-RANK (6. 3).
IF EVAL = '0564' MOVE RANK TO WR-RANK (6. 4).
GU TO 695-MOVE-EXIT.
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                                            670-MÖVE.
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                                                        IF EVAL = 10572' MOVE RANK TO WR-RANK (7, 2).

IF EVAL = 10573' MOVE RANK TO WR-RANK (7, 3).

IE EVAL = 10574' MOVE RANK TO WR-RANK (7, 4).
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                                                        GO TO 695-MOVE-EXIT.
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                                            GBO-MOVE.
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                                                                                     * 1582 MOVE RANK TO WE-RANK (8, 2).
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QQ566 Q0566 QQ567 QC567 QQ568 QQ569 QQ570 QQ570 QQ571 QQ571 QQ572 QQ572 QQ573 QQ573 QQ574 QQ573 QQ574 QQ575	IF EVAL = 10592! MOVE RANK TO WR-RANK (9, 2). IF EVAL = 10593! MOVE RANK TO WR-RANK (9, 3). IF EVAL = 10594! MOVE RANK TO WR-RANK (9, 4). GO IO 695-MOVE-FXII.	JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01
00578 0055881 005882 005881 005882 005882 005883 005883 005883 005884 005884 005884 005884 005884 005884 005884 005884 005884 005884 005889 005591 005591 005591 005591 005591 005591 006608 006608 006608 006608 006608 006608 006608 006608 006608 006608 006608 006608 006608 006608 006608 006612 006613 006614 006615 006615 006615	700-WRITE-REC SECTION. 710-WRITE-KEY. MOVE SPACES TO REPORT-SORI-KEY. MOVE 1 TO AREA-SUB, ROUTE-SUB. IF TYPE-REPORT = '01' GO IO 720-WRITE-NAME. IF TYPE-REPORT = '02' GO IO 730-WRITE-ROUTE. IF TYPE-REPORT = '03' GO IO 740-WRITE-ROUTE. 720-WRITE-NAME	JVPCPOI JVPCPOI

00616 00617 00618 00619 00620 00621 00622 00623 00624	00616 00617 00618 00619 00620 00621 00622 00623	MOVE WR-RANK (AREA-SUB, 3) IO SA-RANK. MOVE WR-SHIP-NAME TO SA-NAME. MOVE WR-CONT-ND TO SA-CONT-NO. MOVE REPORT-SORT-KLY IO WR-SORT-KEY. PERFURM 940-WRITE-DUIPUT-REC. ADD 1 TO AREA-SUB. GO TO 750-WRITE-AREA. 760-WRITE-EXIT. EXIT.	2000 2000	**6 01 01 01 01 01 01	an communication was the spart bear the
00626 00627 00628 00629 00630 00631 00632	00626 00627 00628 00629 00630 00631 00632 00633	### ### ##############################	JYPCP1 JYPCP1 JYPCP1 JYPCP1 JYPCP1 JYPCP1	01 01 01 01 01	and the same and the same the
00634. 00635 00636 00637 60638. 00640	ĎÕĚŠŠ 00636 00636 00637 DO639 00640 00641	MOVE WR-CONT-NO TO 01-CONT-NO. PERFORM 3000-FIND-APEA. PERFORM 4000-FIND-PREP. MOVE WY-AGE (ARFA-SUB) TO 01-AGE. MOVE TYRSI TO 01-AGE-LIT. MOVE HA-SHIP-AGE TO 01-SHIP-AGE. IF FIRST-PRINT NOT = ZERO MOVE SPACES TO D1-SHIP-AGE	70 CF 70 CF 70 CF 70 CF 70 CF 70 CF 70 CF 70 CF 70 CF	01 01 01 01 01 01 01 01 01 01	
00642 00644 00644 00645 00646 00648	00642 00643 00645 00646 00647 00648 00649	IF TYPE-KEPORT = 101 MOVE SPACES TO DI-SHIP-NAME DI-CONT-NO. IF LN-CNT > 57 PERFORM 950-PAGE-HEADERS THRU 999-REPORT-HEADERS. WRITE PROT-LINE FROM DETAIL-OL AFTER POSITIONING 2 LINES. MOVE 1 TO FIRST-PRINT. ADD 2 TO LN-CNT.	1929VC 1929VC 1929VC 1929VC 1929VC		
00651 006553 006555 0066556 006556 00655		MOVE SPACES TO DETAIL-02, IF ROUTE-SUB < 6 PERFORM 2000-FIND-ROUTE, MOVE 1 TO PAINT-SUB, MOVE TRAIMER: TO D2-COAT, PERFORM 5000-FIND-PAINT, MOVE TECRROSICN: TO D2-EVAL, MOVE 2 TO RANK-SUB, PERFORM 6000-FIND-BANK,	30000000000000000000000000000000000000		den an america de servicio
00659 00660 00661 00662 00663 00663 00664 0065	00660 00660 00661 00662 00664 00664	WRITE PRATE (NE FROM DETAIL-02 AFTER POSITIONING 2 LINES. ADD 2 TO LN-CAT. ADD 2 TO LN-CAT. MOVE SPACES TO DETAIL-02. AFTER POSITIONING 2 LINES. MOVE SPACES TO DETAIL-02. AFTER POSITIONING 2 LINES. MOVE 2 TO PAINT-SUB. MOVE 1 COAT2: 1 TO D2-COAT. PEFFURM 5000-FIND-PAINT.	14566 14666		and the same of th

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MOVE 3 TO RANK-SUB.

MUVE '&COATING FAILURE: TO D2-FVAL.

PERFORM 6003-FIND-RANK.

WRITE PENT-LINE FROM DETAIL-02 AFTEK PUSITIONING 1 LINES.

MOVE SPACES TO DETAIL-02.

IF ROUTE-SUB < 6 PERFORM 2000-FIND-ROUTE.

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JVPCP01

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00718 00718 00719 00719 00720 00720 00721 00721 00722 00722 00723 00723 00724 00724 00725 00724 00726 00726 00727 00727 00728	MOVE SPACES TO DETAIL-02. MOVE 5 TO PAINT-SUB. IF WR-TYPE (AREA-SUB. PAINE-SUB) = SPACES GO TO 830-SETUP-EXIT. MOVE *COAT6:* TO D2-COAT. PERFORM 5000-FIND-PAINT. MOVE SPACES TO D2-EVAL D2-RANK. WRITE PENT-LINE FROM DETAIL-02 AFTER POSITIONING 1 LINES. ADD 1 TO LN-CNT. 830-SETUP-EXIT. EXIT.	JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01
00730 00731 00731 00732 00733 00733 00733 00734 00735 00736 00736 00736 00736 00737 00738 00738 00738 00738 00738 00738 00738 00741 00744 00744 00744 00744 00744 00744 00744 00745 00755 00755 00755 00755 00755	MOVE SPACES ID DETAIL-02. MOVI 3 TO PAINT-SUB. PAINT-SUB) = SPACES GO TO 300-STIVP-EXIT. MOVE CODATE: TO D2-CAAT. PFPEUR 5000-FIND-PAINT. MOVE SPACES TO D2-CVAL. MRITE PENT-LINE FRUM DETAIL-02 AFTER POSITIONING 1 LINES. WRITE PENT-LINE FRUM DETAIL-02 AFTER POSITIONING 1 LINES. 300-SCTUP-EXIT. EXIT. 900-COMMON-ROUTINE SECTION. 910-CUNVERTARCA. 10411 MOVE 01 IO AREA-SUB. IF SC AREA = 10421 MOVE 03 IO AREA-SUB. IF SC AREA = 10431 MOVE 03 IO AREA-SUB. IF SC AREA = 10441 MOVE 04 IO AREA-SUB. IF SC AREA = 10441 MOVE 05 IO AREA-SUB. IF SC AREA = 10441 MOVE 05 IO AREA-SUB. IF SC AREA = 10441 MOVE 05 IO AREA-SUB. IF SC AREA = 10441 MOVE 06 IO AREA-SUB. IF SC AREA = 10441 MOVE 06 IO AREA-SUB. IF SC AREA = 10441 MOVE 09 IO AREA-SUB. IF SC AREA = 10491 MOVE 09 IO AREA-SUB. IF SC AREA = 1412 MOVE 11 IO AREA-SUB. IF SC AREA = 1412 MOVE 11 IO AREA-SUB. IF SC AREA = 1412 MOVE 11 IO AREA-SUB. IF SC AREA = 1412 MOVE 11 IO AREA-SUB. FOR ARCHIEOUTINE. WRITE PENT-LINE FROM HEADER-01 AFTER PUSITIONING 1 LINES. MOVE PG-CKY TO HI-PAGE. WRITE PRINT-LINE FROM HEADER-02 AFTER ROSITIONING 1 LINES. MOVE PG-CKY TO HI-PAGE. IF TYPE-REPORT = 001 GD 10 960 NAME-HEADER. IF TYPE-REPORT = 001 GD 10 960 NAME-HEADER. IF TYPE-REPORT = 001 GD 10 990 NAME-HEADER. IF TYPE-REPORT = 004 GD 10 990 NAME-HEADER. IF TYPE-REPORT = 004 GD 10 990 NAME-HEADER. IF TYPE-REPORT = 004 GD 10 990 NAME-HEADER. IF TYPE-REPORT = 004 GD 10 990 NAME-HEADER. IF TYPE-REPORT = 004 GD 10 990 NAME-HEADER. IF TYPE-REPORT = 004 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 004 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 004 GD 10 990 NAME-HEADER. IF TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE TYPE-REPORT = 104 GD 10 990 NAME-HEADER. HE T	JVPCPO1 JVPCPO1
00754 00754 00755 00755 00756 00756 00757 00757	IF TYPE-REPORT = '01' GD TO 960-NAME-HEADER. IF TYPE-REPORT = '02' GO TO 970-TYPE-HEADER. IF TYPE-REPORT = '03' GO TO 980-ROUTE-HEADER. IF TYPE-REPORT = '04' GO TO 990-AREA-HEADER.	CL **3 Cl **3
00759 00759 00760 00760 00761 00761 00762 00762 00763 00763 00764 00764 00765 00765 00766 00766 00767 00767	960-NAME-HEADER. MOVE WR-SHIP-NAME TO H3-DESC. MOVE "NAME:" TO H3-TITLE. WRITE PRNT-LINE FROM HEADER-03 AFTER PUSITIONING 1 LINES. MOVE WR-CONT-NO TO H3-DESC. MOVE 'NUMB:" TO H3-TITLE. WRITE PRNT-LINE FROM HEADER-03 AFTER POSITIONING 1 LINES. ADD 2 TO LN-CNT. GO TO 999-REPORT-HEADERS,	CL **3 CL **3 CL **3 CL **3 CL **3 CL **3 CL **3 CL **3

00768 00768 00769 00769 970 00770 00770 00771 00771 975	-TYPE-HEADER. MUVE 1 TO TYPE-SUBTYPE. IF TYPE-SUB > 20	JVPCPOL JVPCPOL JVPCPOL JVPCPOL		
00773 00773 00774 00774 00775 00775 00776 00776 00777 00777	MOVE SPACES TO H3-DESC GO TO 978-TYPE. IF TYPE-CODE (TYPE-SUB) = WK-TYPS MOVE TYPE-DESC (TYRE-SUB) TO H3-DESC GO-TO 978-TYPE.	JÝPČPŎĪ JYPCPOI JYPCPOI JYPCPOI JYPCPOI	ter en e	a consider and a constant
00778 00778 00779 00779 00780 00780 978- 00781 00781 00782 00782 00783 00783	MUVE 1 TO TYPE-SUB. -TYPE. IF TYPE-SUB > 20 MOVE SPACES TO H3-DESC GO TO 978-TYPE. IF TYPE-COPE (TYPE-SUB) = WK-TYPS MOVE TYPE-DESC (TYRE-SUB) TO H3-DESC GO TO 978-TYPE. ADD 1 TO TYPE-SUB. GO TO 975-TYPE, -TYPE. WRITE PROT-LINE FROM HEADER-G3 AFTER POSITIONING 1 LINES. ADD 1 TO LN-CNI.	JVPCPG1 JVPCPG1 JVPCPG1 JVPCPG1 JVPCPG1	manteens of the state of the st	or the first section.
0078400784	GO TO . 999-REPORT-HEADERS.		3	deteriorità com abiliamente sete de la Co
00789 00789 00790 00790 00791 00791 0079200792 00793 00793 00794 00794 00795 00795	-ROUTE-HEADER. MOVE 1 TO LR-SUB, -ROUTE. IF LK-SUB > 20 MOVE SPACES TO H3-DESC GO TO 988-ROUTE, MOVE ROUTE-CODE (LR-SUB) = TR-ROUTE MOVE ROUTE-DESC (LR-SUB) TO H3-DESC GO TO 988-ROUTE. ADD 1 TO LR-SUB, GU TO 985-ROUTE. -ROUTE.	7A 5C 6 4 4 1 A 6 C 6 4 4 1 A 6 C 6 4 4 1 A 6 C 6 4 4 1 A 7 C 6 4 1 A 7 C 6 4 1 A	6	manifest of them Andrews working to the street
00798 00798 00799 00799 00800 00800	WRITE PROTELINE FROM HEARER-13 AFTER POSITIONING 1 LIMES.	JVPCPOL JVPCPOL JVPCPOL		atenticae megatinas.
00803 00803 990- 00804 00804 -	-AREA-HEADER. MOVE 1 TO LAπSUB	JVPCPOI	6	and the second s
00808 00808 00809 00809 00810 00810 00811 00811 0081200812	IF LA-SUB > 20		6 6	
00813 06813 00814 06814 998- 00815 00815 00816 00816 00817 00817 00818 00818	GD TO 995-AREA. -AREA. MOVE 'AREA: TO H3-TITLE, WRITE PRNT-LINE FROM HEADER-03.AFTER POSITIONING 1 LINES. ADD 1 TO LN-CNT. GU TO 999-REPORT-HEADERS.	JVPCP31 JVPCP31	make which is on by a comp	And the second s
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00820 00821 00822 00823	00820 00821 00822 00823	999-REPORT-HEADERS. WRITE PROT-LINE FROM HEADER-04 AFTER POSITIONING 2 LINES. WRITE PROT-LINE FROM HEADER-05 AFTER POSITIONING 1 LINES. ADD 3 [C LN-CNT-
00825 00827 00828 00829 00831 00831 00831 00837 00837	0008223 0008223 000823 00083 00083 00083 00083 00083 00083 000 000	1000-FIND-TYPE SECTION, JVPCPOL JVPCPO
99 99 99 99 99 99 99 99 99 99 99 99 99	00884445 000884445 000884445 00088445 00088555 00088555 00088555 000885	1000-FIND-TYPE SECTION,
00857 00858 00859 00860 00861 00862 00863 00864 00865	227.57	JVPCP01 3010-FIND-AREA SECTION. 3010-FIND-AREA. MOVE 1 TO DESC-SUB. 3020-FIND-AREA. IF DESC-SUB > 20 MOVE SPACES TO DITAREA. OD TO 3030-FIND-FXIT: IF AREA-CODE [DESC-SUB] = WR-AREA [AREA-SUB] MOVE AREA-DESC [DESC-SUB] ID DI-AREA JVPCP01 JVPCP01 JVPCP01 JVPCP01 JVPCP01

00866 00866 00867 00867 00868 00868 00869 00869 00870 00870	GO TO 3030+FIND-EXIT. ADD I TO DESC-SUB. GO TO 3020-FIND-AREA. 3030-FIND-EXIT. EXIT.		J VPCP01 JVPCP01 JVPCP01 JVPCP01 JV PC P01	·	
008720087200873 00874 00874 00875 00875 00876	4000-FIND-PREP SECTION. 4010-FIND-PREP SECTION. 4010-FIND-PREP SECTION. 4020-FIND-PREP SECTION. 4020-FIND-PREP SECTION. 4020-FIND-PREP SECTION. IF DESC-SUB > 10 MINYE SPACES TO DI-SUR-PREP SECTION SEC	A control of the cont	JVRCRO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1 JVPCPO1	A CONTRACT OF THE PARTY OF THE	and specific and the second specific sp
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00908 00908 00909 00909 00910 00910 00911 00911	6000-FIND-RANK SECTION. 6010-FIND-RANK. MOVE 1 TO DESC-SUB. 6020-FIND-RANK.		JAPCEOT JAPCEOT JAPCEOT JAPCEOT		e en state and any back of a

00912 00912 00913 00913 00914 00914 00915 00915 00916 00916 00917 00917 00918 00918 00919 00919	IF DESC-SUB > 10 MOVE SPACES TO D2-RANK GO TO 6030-FIND-EXIT, IF PI-CODE (DESC-SUB) = WR-RANK (AREA-SU MOVE PI-DESC (DESC-SUB) TO D2-RANK GO TO 6030-FIND-EXIT. ADD 1 TO DESC-SUB. GO TO 6020-FIND-RANK. 6030-FIND-EXIT. EXIT.		
00922 00922 00923 00923 00924 00924 00925 00925 00926 00927 00928 00928 00929 00929 00931 00931 00931 00931 00932 00932 00933 00933 00935 00935	7000-FIND-APPEAR SECTION, 7010-FIND-APPEAR AND APPEAR AND APPEAR AND APPEAR AND APPEAR AND AT DESC TO PER AND APPEAR APPEAR AND APPE	1	POI POI POI POI POI POI POI POI POI POI
00937 00938 00938 00938 00939 00939 00940 00940 00941 00941 00942 00942 00943 00943 00944 00944 00945 00945 00946 00946 00948 00946 00948 00948	8000-FIND-FOULING SECTION. 8010-FIND-FOULING. MOVE 1 TO DESC-SUM. 8020-FIND-FOULING. IF DESC-SUM > 4 MOVE SPACES TO D2-RANK GO TO 8030-FIND-EXIT. IF FT-CODE TOESC-SUM = WR-MANK (AREA-SU MOVE FI-DESC (DISC-SUM) TO D2-RANK GO TO 8030-FIND-EXIT. ADD 1 ID DESC-SUM. BO30-FIND-FOULING. 8030-FIND-FXIT. EXIT.	JVPC JVPC JVPC JVPC JVPC JVPC JVPC JVPC	P01 P01 P01 L**8 P01 P01 P01 P01 P01
00952 00952 00953 00953 00954 00954 00955 00955 00956 00956	9000-CHECK-MILS SECTION. 9010-CHECK-MILS SECTION. 11 SC-MILS (DESC-SUB) = SPACES GO. TO .902 12 SC-MILS-3 (DESC-SUB) = SPACES MOVE SPACES TO WK-MILS 10 VE SC-MILS-12 (DESC-SUB) TO WK-MIL		

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00958 00958 00959 00959 00960 00960

EXIT.

MOVE WK-MILS TO SC-MILS (DESC-SUB). 9020-CHECK-EXIT.

CL*13 CL*12 CL*12

INTRNL NAME DNM=5-377 DNM=5-396 DNM=5-416 DNM=5-432 DNM=5-448 DNM=5-460 DNM=5-400	LVL F01 02 02 02 02 02 02 02	SOURCE NAME CARDIN CARD-IN C-CTLC C-PROG C-REPORT FILLER SORTCD	BASE BL=1 BL=1 BL=1 BL=1 BL=1	015 PL 000 002 004 008 00D	INTRNL NAME DNM=5-377 DNM=5-396 DNM=5-416 DNM=5-432 DNM=5-448 DNM=5-466 DNM=5-480	DEFINITION DS OCL80 DS 4C DS 7C DS 2C DS 67C	USAGE OSAM OROUP DISP DISP DISP DISP
DIM=6-000 DNM=6-023 DNM=6-043 DNM=6-060 DNM=6-078 DNM=6-100 DNM=6-120 DNM=6-145 DNM=6-169	010000000000000000000000000000000000000	SORT-CARDL SC-CONTROL SC-CONTROL SC-CODE SC-ONNER SC-SHIR-NAME SC-BUILDER SC-TYPE-OF-SHIP SC-TRADE-ARCUTE	BLL = 3 BLL = 3 BLL = 3 BLL = 3 BLL = 3 BLL = 3 BLL = 3	000 0005 0007 018 0220 042 042	DNM=6-000	OS OCL BO DS 5C DS 20C DS 17C DS 2C DS 2C DS 2C DS 2C DS 2C DS 7C	1) I CD
DNM=6-190 DNM=6-204 DNM=6-227 DNM=6-242 DNM=6-264 DNM=6-299 DNM=6-324	000000000000000000000000000000000000000	FILLER SORT-CARD2 SC-TC SC-SYSTEM SC-AGE SC-SYS SC-SYS SC-SYS SC-SYS SC-SURFACF-PREP SC-PAINT-SYSTEM	BLL=3 BLL=3 BLL=3 BLL=3 BLL=3 BLL=3 BLL=3	04E 0000 0007 0007 0007 000F 010	DNM=6~242	DS .0CL39 DS 4C DS 3C DS 2C DS 0CL5	CHOUR
DM=6-395 DNM=6-421 DNM=6-443 DNM=6-480 DNM=7-000	0445 050 000 000 000 000 000 000 000 000	SC-TYPF SC-MILS SC-MILS-12 SC-MILS-3 FILLER SORT-CARD3 FILLER SC-EVALUATION	= 3 = 3 = 3 = 3 = 3 = 3	010 012 012 014 02E 000 000	DNM=6-372 DNM=6-395 DNM=6-421 DNM=6-443 DNM=6-457 DNM=6-480 DNM=7-000	DS 0CL3 DS 1C DS 34C DS 0CL80 DS 7C DS 7C	GROUP DISP DISP GROUP GROUP GROUP
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DNM=7-209 DNM=7-231 DNM=7-253 DNM=7-267 DNM=7-281 DNM=7-295	02 F01 012 002 002 002 001	SOURCE NAME CARDIN CARDIN CARDIN CARDOTIN C-CARDOR C-REPORT FILLED SORI-CAROL SOC-CONTE SOC-CONTE SOC-CONTE SOC-CONTE SOC-SUITANAME SOC-SUITANAME SOC-ITANDER AGE FILLER SOCIC SEC-SYS SOC-SYS SOC-SYS SOC-SYS SOC-SYS SOC-SYS SOC-MILS-12 FILLER SOC-MILS-13 FILLER SOC-MILS-13 FILLER SOC-FLO SOC-FLO SOC-FLO SOC-FLO SOC-FLO SOC-FLO SOC-FLO SOC-FLO SOC-FLO SOC-FLO FILLER POPREC SORT-POP FILLER POPREC SORT-POP FILLER PRITTLINF HEADER-O1 FILLER FILLER FILLER FILLER FILLER FILLER FILLER FILLER FILLER FILLER FILLER HEADER-O2	0C B = 03 BL = 3 BL = 4 BL = 4	000 000 000 029 064 060 088	DNM= 7-190 DNM=7-209 DNM=7-231 DNM=7-253 DNM=7-267 DNM=7-281 DNM=7-295	DS 133C DS 0CL133 DS 41C DS 59C DS 59C DS 5C DS 4C DS 24C	USAM DISP GROUP

()	0NM=7-361 0NM=7-375 0NM=7-389	02 02 02	FILLER FILLER H2-DATE	-	BL=4 BL=4 BL=4	088 0AB 0ED	DNM=7-361 DNM=7-375 DNM=7-389		DISP
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in in	0NM=8-137 0NM=8-157 0NM=8-179 0NM=8-193	02 01 02 02	HEADER -03 FILLER H3-DESC FILLER HFADER-04 FILLER HFADER-05 FILLER HGADER-05	BL = 4 BL = 4 BL = 4 BL = 6	28F 2A8 2A8	DNM=8-137 DNM=8-157 DNM=8-179 DNM=8-173 DNM=8-221	กรี ก็ก็ไวลา	DISP GROUP	
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D	NM=9-292 NM=9-314	02	D2-TRADE-ROUTE D2-COAT D2-TYPE D2-MILS-DCC D2-MILS-LIT D2-FYAL D2-FYAL D2-RANK FILLER WORK-REC WR-SORT-KLY WR-SORT-KLY WR-SONT-NO WR-SUIP-NAME WR-TYPS WR-IRADE-ROUTE WR-SYSTEM WR-AGF	·	BE = 4 BL = 4	3F4	DNM=9-292	D\$ OCL 44	GROUP DISP

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WORKING CELLS	0193C 0193E
SORT FILE.SIZE SORT MUDE SIZE PGT-VN TBL	01A70 - 01A74 - 01A78
LENGTH OF YN TBL LABEL RET CURRENT PRIORITY	01A80 01A84 01A86
CMM R145AVE A(INITI) DEBUG TABLE PTR	01A8C 01A8C 01A90
SORT-MESSAGE SYSOUT DONAME UNUSED DEG RIISAVE	01A76 01A80 01A84 01A86 01A86 01A8C 01A90 01A94 01A98 01A96 01A96 01A96 01A96 01A96 01A96 01A96 01A96
UNUSED OVERFLOW CELLS BL CELLS DECBADR CELLS TEMP STORAGE TEMP STORAGE-2 TEMP STORAGE-3 TEMP STORAGE-4 BLL CELLS	01ACG 01ACC 01AD4 01AD4 01AD4
TEMP STORAGE-2 TEMP STORAGE-3 TEMP STORAGE-4	01AF8 01AF0 01AF8 01AF8
VLC CELLS SBL CLLLS INDEX CELLS	01808 01808 01808
SUDADR CELLS ONCTL CELLS PEMCTL CELLS PEMSAV CELLS VN CELLS	01808 01814 01814 01814 01814 0180C

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STATISTICS SOURCE RECORDS = 960 DATA DIVISION STATEMENTS = 213 PROCEDURE DIVISION STATEMENTS *OPTIONS IN EFFECT* SIZE = 159744 BUF = 22224 LINECNT = 52 SPACEI, FLAGW, SEQ, SOURCE *OPTIONS IN EFFECT* DMAP, NOPMAP, CLIST, NOSUPMAP, XREF, NOSXREF, LOAD, NODECK, APOST, NOTRUNC, NO *OPTIONS IN EFFECT* NOTEM, NONUM, NUBATCH, NONAME, COMPILE OI, NOSTATE, NORESIDENT, NOPYNAM, NOLIB, NOSYN *OPTIONS IN EFFECT* NOOPTIMIZE, NOSYMDMP, NOTEST, VERB, ZWB, SYST, NOENDJOB, NOADV

CROSS-REFERENCE DICTIONARY

NATA NAMES	DEFN	REFERENCE
CARDIN CARD-IN C-CILC	000018 000031 000032	000295 000315 000320 000337 030324 000322
C-REPORT SORTCO SORT-CARD1 SC-CONTRUL SC-CODE	000034 000038 000042 000043	000322 000299 000341 000324 000325 000744 000299 000350 000351 000353 000361 000380 000384 000299 000355 000356 000357
SC-SHIP-NAME	000046	000362
SC-TYPE-OF-SHIP SC-TRADE-ROUTE SC-SHIP-AGE	000048 700749 000050	000363 000364
SC-TC SC-SYSTEM	000055	000344 000462 000463 000464 000465 000466 000381 000471 000477 000483 000489 000495
SC-AGE SC-SYS SC-SUFFACE-PREP	000057 000058 000059	000373
SC-TYPE SC-MILS SC-MILS-12 SC-MILS-3 SORT-CARD3	000061 020062 000063 000064	000954 \ \ 000958 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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HEADER-01 H1-PAGE HEADER-02 H2-DATE	000102 000106 000110	000751 000750 000752 000296 000296 000765 000782 000799 000816
HEADER-03 H3-TITLE H3-DESC	000114	000762 000765 000782 000799 000816 000761 000764 000781 000798 000815 00076C 000763 000773 000776 000790 000793 000807 000810

HEADER-04 H4-NAME HEADER-05 H5-NAME DETAIL-01 D1-TYPE-OF-SHIP D1-TRADE-ROUTE D1-AREA D1-SAREA D1-SAREA	000120 000821 000125 000339 000129 000822 000135 000339 000139 000647 000141 000640 000142 000640 000143 000862	10
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D2-COAT D2-TYPE D2-MILS D2-DEC D2-MILS-DEC D2-MILS-LIT D2-EVAL	000158 000654 000159 000891 000160 000899 000161 000900 000162 000903 000163 000904	8 000723 000703 000846 000849 4 000664 000675 000690 000708 000722 1 000894 0 000902
D2-RANK WORK-REC WR-SORT-KEY WR-CONT-NO WR-SHIP-NAME WR-IYPS WR-IRADE-ROUTE	000165 000693 000167 000297 000168 000416 000169 000362 000171 000363 000172 000364	6 000667 000677 000693 000694 000711 000712 000724 000711 000724 000912 000915 000927 000930 000942 0009 000930 000942 0009 000930 000619 000627 000634 000634 000587 000605 000618 000634 00071 000587 000605 000618 000634 0007 000636 000618 000634 0007 000636 000618 000634 0007 000636 000636 000636 000637 000638 000630 000608 000848
WRTATATEM WRTAGE WRTAGE WRTAREA WRTSURFACETPREP WRTPAINTS WRTTYRE WRTTYRE	000175 000612 000176 000879 000177 000674	000615 000628 000685 000692 000703 000710 000864 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
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SA-AREA SA-RANK	000201 020202 .000203	000446	000448	000450	000615	pg3809
SA-NAME SA-CONT-NO DESCRIPTION-TABLES	000204	000618				
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PERACENTABLE PT-CODE PT-DESC APPEAR-TABLE APPEAR-TABLE	.000236 000237 000238	000914	erre herr water in timed	dh. h.z. inhii wan mpareneri	e The decision of Anthonormal Section	me conservation and the first of the forest of the conservation of
APPEAR-TABLE AT-CODE	000247	000959	manenta antiqui de nica i pur de decêns de	Teet maxematiscoppine again	in james de	and the second of the second o
AC-DESC FOULING-DESC FOULING-TABLE	000249	ULVUU				
AT-CODE AT-CODE AT-DESC FOULING-DESC FOULING-TABLE FT-CODE FI-DESC WORK-FTELDS PG-CNT LN-CNT	000259 000260 000262	000944	il medical estimati	arca naviani dia maji j	t ede de , strese ved	A second of the
PG-CNT LN-CNT	000264	000749	000435	000446	000635"	0.0064.9 000660 000670 000681 0006
TYPE-REPORT	000265	000584	000333	000766 000339 000754		030800 000817 000823 000581 0005 000756 000757
TYPE-REPORT REC-OUT FIRST-REC HOLD-CONTROL AREA-SUB	000266 000267 000268	000314 000348 0003350	000349		000407	THE PROPERTY OF THE THE THE THE THE THE PROPERTY OF THE PROPERTY OF THE CONTRACT OF THE CONTR
AREA#SUB		000372 . 000452 000637	000375 000454 000674	000381 000580 000685	000689	000419000428 000430 000438 0004 000612 000613 000615 000616 0006 000692 000703 000707 000710 0007 000737 000738 000739 000740 0007
	• • ••			* * ***		

EVAL-SUB LA-SUB LT-SUB LR-SUB LS-SUB LP-SUB EVAL	000270	000864 000385	. 000879	000893	. 998000	000901	,000903.	000914.	.000929	0009
LA-Sug	000211	000468 000474	000469	000471	000804	000806	000809	000810	000812	
LT-SUB LR-SUB	000273	300486 000486	000481 000487	000483	000787	000789	.000792	000793	000795	
โ.S \$06 LP- \$08	000275	000492	000493	000495	000517	000518	000519	000520	000521	0005
EVAL .		000502 000524.	C00504 ពិព័ព្ធទី25	. 000526	000517	000528	000529	.000532	.000533:	0005
		ŎŎŎŠŠŽ	000537 000555	000540 000556	000541	000542	000545	000546 000562	000547	0005 0005
FVAL 1	000278	000570	000571	000572 0005 07	000508	000509	1000510	000511	000512.	0005
RANK	000280	000503	000516 000526	000517	000518	000519	000520	000521	000522	0005 0005
		500557 000555	000556	00055 7 .	000542 000560	000545 000561.	000546	000547 000565	000550 000566	0005
	000001	000571	000572							
ROUTE-SUB	000281	000409 000683	00058C 000701	000599 000842	000600 000843	000601 000848	000603	804000	000652	0006
HOLD-ROUTE HOLD-AREA TYPE-SUB DESC-SUB	000282 000283	000435	000437 000448	••	•	. ``	•			
HOLD-AREA TYPE-SUB DESC-SUB	000284 000285	000770	000172	000775	000776 000832	000778 000833	000835	000841	000845	0008
http://don	dowed*	öööä\$2 000882	. 00086b.	.000891	000864 000893	000845 000894	. 7 ABÖDÖ . AÇBÖDÖ	000841 000875 000910	000845 000877 000912	0008 0008 0009
		000917	000925	000927	. 000929	000930	000932	000940	000942	0009
. PAINT = SUB	000286 .	000653	000954 000663.	000955	000757	000958	.000685.	000689.	000702.	0007
RANK-SUB	. 000287	000719 000657	000720 000666	000893 0006 7 8	000899 000695	000901	000903 000914	000929	000944	
FTRST-PRINT SC-AREA	000288 000289	200409	000419	000430	000440 000733.	000454	000640 000735	000648	000737	0007
		000740	000741	000742			m-0,24			400.
WK-MILS WK-MILS-1 WK-MILS-23	000290 .								•	
WK#MILS#23	000292	000957	********		. ,	•	• •			*

PROCEDURE NAMES	DEFN	REFERENCE .
100-S0P1-INPUT 110-S0RI-READ 120-S0RT-LXIT 200-BUILD-CTIC-CHECK	000318 000319 000327 000331	000299 000323 000326 000299 000321 000299
120-SORT-LXIT 200-BUILD-RECORD 210-BUILD-CTLC-CHECK 220-BUILD-READ 230-BUILD-01 240-BUILD-02	000340 000340 000371 000383	000347 000359 000370 000377 000382 000387
200-50R	000388	000357 000299 000343 000309 000398
320-SiiRT-EXIT 400-PRINT-RÉPORT 410-PRINT-READ	Q00399	000309 000396 000309 000421 000432 000442 000452 000456
420-PRINT-NAME 430-PRINT-TYPE 440-PRINT-ROUTE	000414 000424	000410 000411 000412
450-PRINI-AREA 460-PRINI-EXIT 500-1 (IAD-1AULES	000444	
510-10AD-COMPARE 520-10AD-ARFA 530-10AD-TYPE	000461 000467 000473	000309 000404 000346 000462 000463
540-1740-ROUTE 550-10AD-PRÉP 560-14AD-PAINT	000479 000485 000481	000464 000465 000466
400-PRINT-REPORT 410-PRINT-READ 420-PRINT-NAME 430-PRINT-TYPE 440-PRINT-ROUTE 450-PRINT-AREA 460-PRINT-EXIT 500-LOAD-COMPARE 520-LOAD-COMPARE 520-LOAD-TYPE 540-LOAD-ROUTE 550-LOAD-PRINT 570-LOAD-PRINT 570-LOAD-EXIT 600-MOVE-EVALUATION 605-MOVE-COMPARE	000497 000500 000501	000470 000472 000476 000478 000482 000484 000488 000490 0004 000505
620-MNVE 630-MNVF	000531 000539	000505 000506 000507
ĠĠO→MOVĔ	000544 000549 000554	000506 000507 000508 000509 000510
670-MOVE 680-MOVE 690-MOVE	กังกุรรี่ 000564 กงบรี่69	300511 000512 030513
695-MÖVE-FXLT 700-WRITE-REC	000574 000577	000504 000514 000530 000538 000543 000548 000553 000558 0005 000573 .000342 000352
710-WRITE-KEY 720-WRITE-NAME 730-WRITE-TYPE	202524 020585 200521	000581
740-WRITE-ROUTE 750-URITE-AREA 760-WRITE-EXIT	000598 000610 000623	000583 000602 000609 000584 000614 000622 000590 000597 000599 000611 707417 070428 000438 000453
400-SETOP-PRINT	000626	>>>>417 3004486 000436 000453

810~SETUP~01 815~SETUP~01 825~SETUP~02	000627 000630 000	420 000441	000441	000455	in the second se
815-SETUP-01 820-SETUP-02 820-SETUP-03 820-SETUP-04 830-SETUP-EXIT 900-COMMON-ROUTINE 910-CCNVERT-AREA 920-ERROR-ROUTINE 940-WRITE-OUTPUT-REC 950-PAGE-HEADERS	000717 000 000717 000 000727 000	688 706 629 (00072)	•		
910-CUMMUN-KUTTINE 910-CCNVERT-AREA 920-ERROR-ROUTINE	000730 000731 000 000743 000	374 000451 358 000376	•		
940-WRITE-OUTPUT-REC 950-PAGE-HEADERS	000748 000	569 000596 415 000426	000436	000620	000646
		755		andropoli on Apple that the specific stan	and the second of the second o
970-17PE-HEADER 975-TYPE 978-TYPE 980-ROUTE-HEADER 985-ROUTE 988-ROUTE 988-ROUTE 998-ROUTE	000780 000 000786 000 000788 000	774 000777 756 796			The state of the s
985-ROUTE 988-ROUTE 990-AREA 995-AREA 998-AREA 999-KEPORT-HEADERS 1000-FIND-TYPE 1010-FIND-TYPE 1020-FIND-TYPE 1030-FIND-EXIT 2000-FIND-ROUTE 2010-FIND-ROUTE 2020-FIND-ROUTE	000797 000 000803 000	157			•
998 AREA 999 - REPORT - HEADERS	000814 000 000829	808000811. 415 000426		000447	000646 000767 000784 000801 0008
1000-FIND-1YPE 1010-FIND-IYPE 1020-FIND-IYPE	000825 000 000826 000828 000	031			•
1030-FIND-EXIT 2000-FIND-ROUTE	0000039 000 000039 000	031 000834 632 000652	000662	000672	000683 000701
2020=FIND-ROUTE 2030=FIND-EXII	000844 000 000854 000	853 843 000847	000851	y ty ko j Ko a saud nebeléséhekung en	
2030-FIND-EX IT 3000-FIND-AREA 3010-FIND-AREA 3020-FIND-AREA	000858 000 000859 000861 000	635	en en en en en		the second secon
31/ 31/2 F 1 1 1 1 2 2 1 1	000873 000	636			
4000-FIND-PREP 4010-FIND-PREP 4020-FIND-PREP 4030-FIND-EXIT	000876 000 000884 000	883 070881	entra este este est not not not a	, , , , , , , , , , , , , , , , , , ,	
4030-FIND-EXIT 5000-FIND-PAINT 5010-FIND-PAINT 5020-FIND-PAINT	111111111111111111111111111111111111111	במתונונו נינים	HILLION IN	111111111111111111111111111111111111111	UDU 1114 11011 1 / 4
2020-L140-LV1141	0008905 000 000905	ชี้งี่ 2 " ก็วิกลุกร์"	rational de propose and a provided day	der amb untwerterze ser me view b	The second secon
6010-F1ND-RANK	000998 000	658 DQ7668.	360638		are the substance of the communication of the productions that the stand of the control of the confidence of the confide
6020-FIND-RANK 6030-FIND-EXIT 7000-FIND-APPEAR 7010-FIND-APPEAR	000911 000 000919 000 000923 000	913 000916			•
7020-FIND-APPEAR 7030-FIND-EXII 8000-FIND-FOULING	. 000928				The state of the second
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April 10 miles and 10 miles

8010-FI	NO-FOUL ING
	ND-FOUL ING
	ND-EXIT
	ECK-MILS
9010-CH	
9020-CH	FCK-FXIT

000941 000949 000952 000953 000959 000943 000378

ARD ERRUR MESSAGE

742 IKF4372I-W EXIT FROM PERFORMED PROCEDURE ASSUMED BEFORE PROCEDURE-NAME .

F128-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED MAP, LET, LIST DEFAULT CPTION(S) USFD - SIZE=(143360,18432) IEW2000 INCLUDE SYSLIB([LBDDSPQ])

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CONTROL SECTION		ENTRY	,			* *** ** ** ** ** ** ** ** ** ** ** **		
NAME " ORIGIN		NAME	FUCVITOR	NAME	FOCATION .	NAME	FOCATION	NAME L
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1LBODIE * 6548	232	TERORTES	6440 657A 658A		457F			!
1 L BOSRY * 6780	72	ILBOEXTO	6782					,
ILBOSRT # 6880	560 14A	TEBUSTP1 TEBUSKTO	6836	֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֟֓֓֓֟	683 A	TEBOST PO		LILBOSRVILLE
ILBOBEG * 7230	C A	լերնի հեն Արդանույ				en en en en en en en en en en en en en e	44444	in the section of the
1LB CMSG # 76D0		Tr Bowses	•	"ĹĹŖŌĊŴŴŢ	•			1 17 and all a same
ENTRY ADDRESS TOTAL LENGTH	77AB			4	•			
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ф	3 4 5 6 1 area: Undel	PWATER BUTTOM	DLESHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUM	PAGE 1 10/14/78
1	TYPE' OF SHIP	TRADE	AREA/SYSTEM SURFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
1 1	CONTAINER CONTAINER	NO. ATLANTIC	UNDERWATER BCITOM 0.75 YRS PRIMER: EPOXY, POLYAMIDE CDAT2: ANTIFOULING, EPOXY, COPPER	8.0 MILS #CORROSION; 2.5 MILS #COATING FAILURE: 0# GENERAL APPEARANCE: EXCELL. FOULING TYPE FOULING;
1 1 2 2	TANKER	WORLD WIDE	UNDERWATER BOTTOM SSEC-SP-10 1.0 YRS	and the second s
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			PRIMER: EPOXY, POLYAMIDE COATZ: EPOXY, POLYAMIDE COATZ: EPOXY, POLYAMIDE COATA: ANTIFOULING, OTHER	4.0 MILS &CORTING FAILURE: 0% 2.0 MILS GENERAL APPEARANCE: EXCELL. 2.5 MILS FUULING TYPE FOULING:
3	9 0: 1 1 2		UNDERWATER BUTTOM SSRC#SR#10 .1.0 YRS . PRIMER: ZINC, INORGANIC, OTHER COAT2: EPUXY, POLYAMIDE COAT3: ANTIFOULING, EPOXY, CORPER	3.0 MILS *CORROSION: 8.0 MILS *CORROSION: 0.2 O MILS *CORROSION: 0.3 O MILS *CORROSION: 0.4 O MILS *CORROSION: 0.5
3 3 3 4 4	SMALL CRAFT	NORTH PACIFIC	UNDERWATER BOTTUM SSPC=50-10 1.75 YRS PRIMER: EPOXY, POLYAMIDE COAT2: ANTIFOULING, COPPER/ORGANDHETALIG	8.0 MILS &CORROSION: 2.5 MILS &COATING FAILURE: 0% GENERAL APPEARANCE: EXCELL. &FOULING TYPE FOULING:
444445555555555555555555555555555555555	TANKER	NO. ATLANTIC	UNDERWATER BOTTOMSSPC=SR=6. 2 YBS. PRIMER: EPOXY, COAL TAR COAT2:	enteres de la companya del companya della companya
5: 5:] [CARIBBEAN	UNDERWATER BOTTOM SSPC_SP-6 2 YRS PRIMER: EPOXY.COAL TAR COAT2:	8.0 MILS &CORROSION: MILS &CORROSION: OR GENERAL APPEARANCE: GOOD JEDULING TYPE FOULING:
6 6 6 6 6 6			UNDERWATER BOTTUM SSPC=SP=10. 1.0 YRS PRIMER: EPUXY, POLYAMIDE COATS: EPUXY, POLYAMIDE COATS: BITUMENOUS COATS: ANTIFOULING, COPPER/ORGANOMETALIC	· · · · · · · · · · · · · · · · · · ·

OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA: UNDE	RWATER BOITOM		SHIPS PAINTS/COA	TINGS PERFORMANCE SUM	MARY				10/14/78
TYPE OF SHIP	TRADE ROUTE		AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FIL THI (.м	SHIP AGE	PERFORMANCE EVALUATION	
.BAR GE		UNDERWA	TER BOTTOM	SSPC+SP-10 2.0 YRS					
to the second		PRIMER: COAT2;	EPOXY, COAL TAR ANTIFOUL ING, EPOX	Y, COPPER	8.0	MILS	COR COA GENE	ROSTON: TING FAILURE: RAL APPEARANCE:	¨EχCETΓ* Oχ Oχ
			•				IIPC	PUUL ING •	
				.\$\$@G#\$@#10 .2+25 .YR\$					
•		PRIMER: COATZ:	EPUXY, POLYANIDE ANTIFOULING, COPP	ER/OBCANOMETAL IC	8.0	MILS	RCOR RCOR	RUSIUN; TING FAILURE; BAL APPEARANCE:	OX OX EXCELL
							IYPE	FUUL ING:	
TANKER	WORLD WIDE	. UNDERWA	TER BOTTOM	SSRC=Se=100.7 YRS		MILS	ው የተ	RASIAN:	OT
·		COATS:	EPOXY KETAMINE	L.COPPER	6.0	MILS	RC DA	TING FAILURE; RAL ABPEARANCE:	ĎŽ EXCELL.
				SSRC=SP=6 2 YRS.					
	SO. ATLANTIC	PRIMER:	EPOXY, COAL TAR		8.0	MILS	&COA	ROSION: TING FAILURE:	0% 0%
***************************************		3 *** ** ** **	. partir and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired and the second desired desired and the second desire	and the second s		e Lieb dig / Balsi	GENE KFOU TYPE	KAL APPEAKANLEI. LING FOULING:	03 03
TANKER	UNKNOWN	UNDERWA	TER BOTTUM	H.R. WASH	. 40.00	e angles as a model	.02 1.	ر بر در در در در در در در در در در در در در	in the state of the same
1		PRIMER;	BITUMENOUS .	• CORPEB	4.0	MILS	#COR	ROSION:	0% 0%
Made a comment		Coatsi	A.F. ROSIN SOAR.	CORREB	. 2.1ď	HILE	ĞĔŇĔ	RAL APPEÄRÄNČE: LING FUULING:	EXCELL.
							TYPE	FUUL ING;	
BULK	DUKUNAN "	PRIMER:	BETHMENHUS	Пявя, маап в том	3.0	MILS	- ሄር OR	ROSION:	0%
n n	///	CUATZ;	BITUMENOUS	""COPPER"""""	3.0	MILS	ECHA GENE	TING FAILURE: RAL APPEABANCE:	OZ LEXCELL.
•		COAT4;	A.F., ROSIN SCAP	• COPPER	2,•0	MILS	TYPE	LING FOULING:	0%
TANKER				SSPC-SR-10 1.YRS.					
,		PRIMER; CUATZ;	EPUXY POLYAHINE	TAR EROXY	1.0 8.9	WILS	#COR	ROSION: TING CALLURE:	0% 0%
		LUAI 31	AMITEULLING CUAL.		t u• n	.mil5	TYPE	KAL AUBEAKANLEI LING FOULING:	excell.
	•			*			, , ,	· WE THU!	

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TYPE FOULING:

OFFSHORE POWER SYSTEMS / MAKAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY AREA: UNDERWATER BOITOM SURFACE SYSTEM PREPARATION AGE FILM SHIP PERFORMANCE THICK. AGE EVALUATION AREA/SYSTEM TYPE TRADE. EVALUATION OF SHIP ROUTE SSPC-SP-10 NO. ATLANTIC UNDERWATER BOTTOM 2 YRS 14 . TYPE FOULING: PRIMER: EPANOL, PHENDXY

COATS: POLYTSIER

COATS: ANTIFOULING, VINYL, COPPER.

COATS: ANTIFOULING, VINYL, COPPER.

TYPE FUULING: NO. ATLANTIC. UNDERWATER BOTTOM SSRC=SP=6...... 2 YRS PRIMER; EPOXY.COAL TAR COAT 2; 8.0 MILS %CORROSION:

MILS %COATING FAILURE: 0%
GENERAL APPEARANCE: GOOD
%FOULING
TYPE FOULING: 31 34 TANKER NORTH PACIFIC UNDERWATER BOTTOM SSPC-SP-10 2.0 YRS ZINC.INORGANIC.OTHER

POXY.OTHER
ANTIFOULING.OTHER

2.5 MILS *CORROSION:
8.0 MILS *COATING FAILUE
2.0 MILS GENERAL APPEAR PRIMER: ZINC, INDRGANIC, OTHER GENERAL APPEARANCE; GOOD TYPE FOULING: SSPC~SP-10 2 YRS NO. ATLANTIC UNDERWATER BOTTOM 2.5 MILS &CORROSION: 8.0 MILS &COATING FAILURE: 2.5 MILS GENERAL APPEARANCE: &FOULING PRIMER: ZINC, INURGANIC, OTHER COATZ: FPOXY, POLYAMIDE COATZ: ANTIFOULING, OTHER. ì T EXCELL. ĞŘASS TYPE FOUL ING: WURLD WIDE UNDERWATER BOTTOM PRIMER; EPOXY, POLYAMIDE CUAT2; EPUXY, POLYAMIDE CUAT3; EPOXY, POLYAMIDE COAT4; ANTIFOULING, OTHER 2.0 MILS %CORROSION: 1%
4.0 MILS %COATING FAILURE: 1%
2.0 MILS GENERAL APPEARANCE: GOOD
2.5 MILS %FOULING 1% TYPE FOULING: COMB. SMALL CRAFT NORTH PACIFIC UNDERNATER BOTTOM .. SAND SHEEP 1.Q YRS PRIMER; EPOXY, POLYAMIDE
COAT2: ANTIFOUL ING, COPPER/ORGANOMETALIC
COAT2: ANTIFOUL ING, COPPER/ORGANOMETALIC
COAT2: ANTIFOUL ING, COPPER/ORGANOMETALIC
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COAT2: ANTIFOUL ING, COPPER/ORGANOMETALIC
COAT2: ANTIFOUL ING, COPPER/ORGANOMETALIC
COAT2

AKENT UNDER	CHATER BUILDIN					
TYPF OF SHIP	TRADE ROUTE	AJ: FA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
TANKER	MEDITERRANCAN	UNDERWATER BOTTOM	SSPC-SP-10 2.0 YRS	•		
		PRIMER: EPUXY, PULYAMIDE COAT2: EPOXY, PULYAMIDE COAT3: BITUMENOUS COAT4: ANTIFOULING, CCPPE	RZORGANOMETALIC	2.0 MILS 2.0 MILS 2.0 MILS 2.5 MILS	%CORROSION: %COATING FAILURE; GENERAL APPEARANCE: %FOULING TYPE FOULING:	17 17 EXCELL 07
DRY CARGO	UNKNOWN					
1		PRIMER: ZINC,OKGANIC COAT2: CHLORINATED RUBBE COAT3: CHLORINATED RUBBE COAT4; CHLORINATED RUBBE COAT5: ANTIFOULING,VINYL CUAT6; ANTIFOULING,VINYL	R R R OR GANDMET AL IC DRGANDMET AL IC	10 MILS 40 MILS 40 MILS 20 MILS 20 MILS	%CORROSIUN: %COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	1 % 6 0 0 0 0 0 %
		UNDERWATER BOTTOM	SSPC-SP-10 UK YRS		, , , , , , , , , , , , , , , , , ,	
	SII. ATLANIII CARIBBEAN MEDITERRANLAN	PPIMER; ZINC, ORGANIC COAT2: ERDXY, COAL TAR COAT3: EPOXY, COAL TAR COAT4: ANTIFOULING, OTHER COAT5; ANTIFOULING, OTHER UNDERWATER BOJTOM	. <u>.</u>	5,.0 MILS 40 MILS 40 MILS 20 MILS 20 MILS	CORRUSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING;	13 6000 13
'SMALL' CRAFT	NORTH PACIFIC	UNDERWATER BOTTUM	SSPC-SP-10 1 YRS	,,	nto it is a second	a 6 Baltier van de 1
·		PPIMER: ZINC, INURGANIC, OT CUAT2: EPUXY, POLYAMIDE COAT3: ANTIFUULING, EPOXY UNDERWATER BOTTOM	HER CÖPPER """	3,0 MILS 8.0 MILS 2,5 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	0% 1% GOOD 1% SLIME
SMÀLL CRAFT	NORTH PACIFIC	UNDERWATER BOTTOM	SSPC-SP-10 2 YKS		The second secon	Carra pagina
		PRIMER: CPOXY, POLYAMIDE COATS: EPUXY, POLYAMIDE COATS: ANTIFOULING, EPOXY UNDERWATER BOTTOM PRIMER: ZING, INORGANICAOT	[‡] CÜbbĘk	2.0 MILS 8.0 MILS 2.5 MILS	CORROSION: CCUATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	13 12 6000 03
TANKER	SOUTH PACIFIC	UNDERWATER BUTTON	SSPC-SP=10 1 YRS		a and a second of the second o	
·	NORTH PACIFIC	PRIMER: ZINC, INDRGANIC, DT COATZ: EPOXY, PULYAMIDE COATZ: ANTIFOULING, EPOXY	HEB . , COPPER	3.0 MILS 8.0 MILS 2.5 HILS	#CORROSION: #COATING FAILUBE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	1% 6000 0%
		PRINCE ROTTON " " " " " " " " " " " " " " " " " " "		• ,		, , w
	, , , , , , , , , , , , , , , , , , , ,	PRIMER: WASH PRIMER COATZ: A.C. COLD PLASTIC COAT3: A.C. COLD PLASTIC CUAT4: A.C. COLD PLASTIC COAT5: ANTI[OULING.COLD COAT6: ANTIFOULING.COLD	PLASTIC	0.5 MILS 1.5 MILS 1.5 MILS 1.5 MILS 5.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	0% 1% 6000 1% \$HELL

TYPE FOULING:

OFFSHORE POWER SYSTEMS / MARAD
SHIPS PAINTS/CHATINGS PERFORMANCE SUMMARY
AREA: UNDERWATER BOTTOM APFA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION TRADE TYPE TYPE OF SHIP . TRADE ROUTE GULF OF MEX. PRIMER: EPUXY, POLYAMIDE
COATS: FPOXY, POLYAMIDE
COATS: ANTIFOULING, EROXY, COPPER.
COATS: ANTIFOULING, EROXY, COPPER.
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COATS: ANTIFOULING, EROXY, COPPER.
COATS: ANTIFOULING, EROX 'DRY CARGO NO. ATLANTIC UNDERWATER BOTTOM . SSPC-SP-10 1.0 YRS DRY CARGO NO. ATLANTIC , UNDERWATER BOTTOM SAND SWEER Q.5 YRS PRIMER; EPOXY, PULYAMIDE
COATS: CPOXY, POLYAMIDE
COATS: ANTIFOULING, EPOXY, COPPER
COATS: ANTIFOULING, EPOXY, COPPER
TYPE FOULING: 21 DRY CARGO ... NU. ATLANTIC ... UNDERWATER BOTTOM SAND SWEER ... 1.0 YRS PRIMER: EPOXY, POLYAMIDE
COAT2: CPOXY, POLYAMIDE
COAT3: EPOXY, POLYAMIDE
COAT3: EPOXY, POLYAMIDE
COAT4: ANTIFOULING, EPCXY, COPPER
COAT4: ANTIFOULING, EPCXY, COPPER
COAT5: ANTIFOULING, COPPER/ORGANOMETALIC
COAT5: ANTIFOULING, COPPER/ORGANOMETALIC
COAT6: ANTIFOULING, COPPER/ORGANOMETALIC
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COAT6: ANTIFOULING, COPPER/ORGANOMETALIC TANKER SECTION 1.0 YRS TANKER NO LATLANTIC UNDERWATER BOTTOM LA CALL SAND SWEER 220 YRS TANKER NO. ATLANTIC UNDERWATER BUTTON

PRIMER: EPOXY.OTHER

CDATE: ANTIFOULING, CCPPER/ORGANOMETALIC 2.5 MILS *CORROSIUN: 0*

CDATE: ANTIFOULING, CCPPER/ORGANOMETALIC 2.5 MILS *CORROSIUN: 0*

CDATE: ANTIFOULING, CCPPER/ORGANOMETALIC 2.5 MILS *CORROSIUN: 0*

CDATE: ANTIFOULING, CCPPER/ORGANOMETALIC 2.5 MILS *CORROSIUN: 0*

CDATE: ANTIFOULING; EXCELL.

TYPE FOULING; GRASS TANKER NO. ATLANTIC UNDERWATER BOTTOM SAND SWEEP 2.0 YRS PRIMER: EPOXY, COAL TAR
COATZ: ANTIFOULING, COPPER/ORGANUMETALIC 2,5 MILS *CORROSION: 12
COATZ: ANTIFOULING, COPPER/ORGANUMETALIC 2,5 MILS *CORROSION: 12
COATZ: ANTIFOULING, COPPER/ORGANUMETALIC 2,5 MILS *CORROSION: 12
COATZ: ANTIFOULING, COPPER/ORGANUMETALIC 2,5 MILS *CORROSION: 12
COATZ: ANTIFOULING: GRASS FERBY..... NORTH PACIFIC UNDERWATER BOTTON ... SERCESPEIQ 1.0 YRS PRIMER: EPOXY, POLYAMIDE
COATS: ANTIFOUL ING, COPPER/ORGANUMETALIC
COATS: ANTIFOUL ING, COPPER/ORGANUMETALIC
EXCELL
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OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY AREA: UNDERWATER BOTTOM SURFACE SYSTEM FILM SHIP PERFORMANCE TYPE OF SHIP AR FA/SYSTEM TRADE PREPARATION AGE THICK. AGE EVALUATION ROUTE 09 UNDERWATER BOTTOM H.P. WASH 1 YRS 12 BULK UNKNOWN 4.0 MILS **CORROSION: 1%.
4.0 MILS **CUATING FAILURE: 1%.
2.0 MILS GENERAL APPEARANCE: EXCELL.
2.0 FOULING OF 14 PRIMER: BITUMENOUS COATE: BITUMENDUS 15 ALF., ROSIN SOAR, COPPER . . . 16 🚬 COAT3: 17 TYPE FOULING: 11 UNDERWATER BOTTOM . .. H.P. WASH.... 1 YRS... 12 UNKNOWN . 20 PASSENGER 3.0 MILS #CORROSIUN: 2.0 MILS #COATING EA PRIMER: BITUMENOUS 22 RECORTING FAILURE: 13 GENERAL APPEARANCE: EXCELL. FOULING: COAT 2: A.F., BOSIN SOAP, COPPER 23 24 ! 25 26 1 YRS UNDERWATER BUTTOM H.B. WASH DRY CARGO NU. ATLANTIC 3.0 MILS %CORRUSION:
1.5 MILS *COATING FAILURE;
GENERAL APPEARANCE:
*FOULING
TYPE FOULING; 30 SO. ATLANTIC PRIMER: BITUMENOUS COATE: ANTIFOULING, CHLORIN, RUBBER, COPPER 31 EXCELL. 32 GRASS ່ານ 34 35 UNKNOWN UNDERWATER BOTTOM H.R. WASH I YRS ... 3.0 MILS %CORROSION:
3.0 MILS %COATING FAILURE:
3.0 MILS GENERAL APPEARANCE: EXCELL.
3.0 MILS &FOULING. PRIMER: CHLURINATED RUBBER COATZ: CHLORINATED RUBBER CCATZ: CHLORINATED RUBBER 38 33 40 ANTIFOULING, COPPER/ORGANCMETALIC 41 COAT4: TYPE FOULING: 42 SSPC7SP-10 2 YRS DRY CARGO CARLBBEAN UNDERWATER BOTTOM 3.0 MILS %CORPOSION: 1%
3.0 MILS %COATING FAILURE: 1%
3.0 MILS GENERAL APPEARANCE: GOOD
3.0 MILS EFOULING PRIMER: CHLCRINATED KUBBER CHECKINATED RUBBER CHAT2: COATS: ANTIFOULING, CHLORIN, RUBBER, COPPER 49 CUAT4: TYPE FOUL ING: COMB. DRY CARGO NORTH PACIFIC UNDERWATER BOTTOM SSPC-SP-6 2 YRS 2.0 MILS #CORROSION: 18
4.0 MILS #COATING FAILURE: 1#
3.0 MILS GENERAL APPEARANCE: GOOD 54 PRIMER: BITUMENOUS 55 56 ; CDATE: BIT JUENOUS ANTIFOULTNG, OTHER . . . 57 SFOULING 1% 58 TYPE FOULING: COMB. 60 TANKER NORTH PACIFIC UNDERWATER BUITOM SSPC-SP-10 1 YRS PRIMER: ZINC, ORGANIC
COAT2: CHLORINATED RUBBER
COAT3: CHLORINATED RUBBER
COAT4: CHLORINATED RUBBER
COAT5: ANTIFOULING, CHLORIN. RUB. DRGANUMET.

2.0 MILS *CORROSION: 0%
2.0 MILS *CORROSION: 1%
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2.0 62 63 14 . . 65 SHELL

OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFURHANCE SUMMARY

UNDERWATER BUTTUM FILM THICK. SUR FACE SYSTEM SHIP OF SHIP TRADE AP EA / SYSIEM AGE **EVALUATION** PREPARATION AGE SSPC-SP-10 1 YRS TANKER NORTH PACIFIC UNDERWATER BUTTOM 13 1.5 MILS %CORROSION:
1.5 MILS %COATING FAIL
2.5 MILS GENERAL APPEA
1.5 MILS %FOULING:
1.5 MILS TYPE FOULING: 0% 1% CORROSION: PRIMER: VINYL COATZ: VINYL 14 VINYL 15 GENERAL APPEARANCE: EXCELL. CUATSI 16 ANTIFOULING: VINYL ORGANOMETALIC COAF4: CUAF5: 0% 17 18 19 ! NORTH PACIFIC UNDERWATER BOTTOM SSPC-SP-10 1 YRS TANKER 21 3.0 MILS #CORKOSION: 12.0 MILS #COATING FA 22 PRIMER: EPOXY, POLYAMIDE COATING FAILURE: 12 GENERAL APPEARANCE: GOOD 23 LOATE: ANTIFOULING, COAL TAP EPOXY 24 *FOULTING TYPE FOULING: 17 GRASS 25 26 NO. ATLANTIC ... \$\$PC-\$P-10 UNDERWATER BOTTOM NAVY 13 PRIMER: EPOXY, PULYAMIDE
COAT2: ANTIFOULING, VINYL, COPPER
COAT3: ANTIFOULING, VINYL, COPPER. 8.0 MILS 2.0 MILS 2.0 MILS CORROSION: 30 31 ĞENERAL APPEĂRANCE: EXCELL. TYPE FOULING: 32 34 35 ... NORTH PACIFIC UNDERWATER BOTTON SSPC-SP-10 1 YRS TANKER 37 1.0 MILS %CORROSION: 0%
3.0 MILS %COATING FAILUPE: 1%
3.0 MILS GENERAL APPEARANCE: GOOD. ... PRIMER: ZINC.DRGANIC COAT?: EPOXY.POLYAMIDE COAT3: EPOXY.BOLYAMIDE CUAT4: EPOXY.POLYAMIDE 38 39 42 43 41..TA 45 إ 47

4	1 2 3			COATS	ANTI FOUL IN	AMIDE G,CHLDRI	N. RUB.	ORGANI	OMET.	2.5	MILS	TYPE FOULING:	SHELL
4	TANKER	ND.	ATLANT 1C	UNDERWA	TER BOTTOM	. 9	SAC-SP-	10 :	2 YRS			The second second	
4 4 4 5	3 1 7 2 8		, a u	PRIMER: COAT2; COAT3;	EPDXY, POLY. FPHXY, COAL ANTIFOULING	AMINE AR G • C BAL 1	TAR EROX'	Υ'	** **	1.0 8.0 10.0	MILS MILS MILS.	CORRUSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	1% 6000 1% COMB.
5	TANKER .	NO.	ATLANTIC	UNCERWAT	TER BUTTOM		SSRG#SP#	10	2 .YBS		** **		
5 5 5 5 5	J 4 5 6 : . 77			PRIMER; COAT2;	ANTIFOUL IN	AMIDE G.CDAL 1	rar Epox	Υ .		2.0 9.0	MILS MILS	%CORRUSION; %COATING FAILURF: GENERAL APPEARANCE; %FOULING TYPE FOULING:	1% 1% GOOD . SHFLL
6	.TANKER	NO.	ATLANTIC	UNDERWA	TER BOTTON	5	SPC-SP-	10 .	1 YRS			•	
6 6	1 2 3 4 5 6			PRIMER: COAT2; COAT3; COAT4;	VINYL VINYL VINYL ANTIFOULIN	G, Ý Î NÝĽ	COPPER		•	2.0 2.0 2.0 2.0	MILS MILS MILS	&CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING IYPE FUULING:	01 13 6000 18 GRASS

TYPF OF SHIP	TRADE ROUTE	Ą	KFA/SYSIEM	SUPFACE PREPARATION	SYSTEM AGE	11 H C	M :	SHIP AGE	PERFORMANCE FVALUATION	
TANKER NO.	ATLANTIC	UNDERWAT	ER BUTTUM	SSPC-SP-10	1 YBS			·· •		
la carra a c		PRIMER: CUAT2: COAT3: COAT4: COAT5:	ZINC,ORGANIC FPNXY,POLYAMIDE EPOXY,POLYAMIDE FPOXY,POLYAMIDE ANTIFOULING,CHLOR		ANDMET.	1.0 3.0 3.0 3.0 2.5	MILS MILS MILS MILS	CORI CORI GENER FOUL TYPE	(OSIUN: [ING FAILURE: RAL APPEARANCE: -ING FOULING:	O# 16 GODD 15 GRASS
		PRIMER: CUAIZ; COAT3;	EPOXY, POLYAMINE FPOXY, COAL TAR ANTIFOULING, COAL.	TAR. EROXY	1	1.0	MILS MILS MILS	CORF COAT GENER FOUL TYPE	ROSION: IING FAILURE; RAL ARPEARANCE: ING FOULING:	or Goon Shell
TANKER NU.	ATLANTIC	UNDERWAT	ER BOTTOM	SSBC#SP#10	1 .YRS	, 		, ,	k j kalenda Augusta Malaukan ayan - wanaba anda kalenda kalenda k	
•					•			TYPE	FÜÜLING:	SHELL
1 3										
Alan Andrea de la la la la la la la la la la la la la	~···· \ ~ · · · · · · · · · · · · · · ·	PRIMER: COATS: COATS:	VVIIEUNĮ INC! <u>NINĀ</u> F NIVĀF NINĀF	, cděpek	e de la compania del compania del compania de la compania del la compania de la compania de la compania de la compania de la compania de la compania del la compania de la	2.0 2.0 2.0 2.0	MILS MILS MILS MILS	CORF COAT GENER ZFOUL TYPE	ROSION: ING FAILURE: RAL APPEARANCE: ING FOULING:	្តិ ភ្លួក ស្ត្រីក្រុក
.: JANKER	43	UNDERWAT	ER BOTTOM	SSPC-SE-10	2YB\$		4			
		PRIMER; COATA; COATA; COATA; COATA;	ZINC, ORGANIC FPOXY, POLY, MIDE EPOXY, POLYAMIDE FPOXY, POLYAMIDE ANTIFOULING, CHLOR	IN. RUB. ORG	ANOMET.	1.0	MILS MILS MILS MILS	CORF COAL GENER FUUL TYPE	ROSION: ING FAILURE: RAL APPEARANCE: ING FOULING:	O\$ GOOD
CTANKER NO.										
		PRIMER; COAT2; COAT3; COAT5; COAT6;	TIME ORGANIC CHLORINATED RUBBE CHLORINATED RUBBE CHLORINATED RUBBE CHLORINATED RUBBE ANTIFOULING, CHLCR	R R R R IN, BUB, ARG	ANCMET +	1.0	MILS MILS MILS MILS MILS	#CORR #COAT GENER #FOUL TYPE	OSIUN: ING FAILURE: AL APPEARANCE: ING FOULING:	1 % 600 D 1 % 600 B
TORY CARGO NO.	ATLANTIC	UNDERWATI	LK 90MON	SAND"SWEEP	1.U YRS	• • • • • • • • • • • • • • • • • • • •	**		** ** * * * * * * * * * * * * * * * * *	A COM AT MESE SE
		PRIMER; I COAT2; F COAT3; I COAT4; A	PANCL, PHENOXY TTUMENOUS TTUMENOUS ANTITOULING, COPPE	R/OR GANOMET A	LIC	1.5 2.0 2.5	MILS MILS MILS MILS	#CORE #CDAT GENER #FOUL TYPE	OSION: ING FAILURE: ING APPEARANCE: ING FOUL ING:	5% 5% 6000″ · ~ Ω%
	TANKER NO. TANKER NO. TANKER NO. TANKER NO.	TANKER NO. ATLANTIC TANKER NO. ATLANTIC TANKER NO. ATLANTIC TANKER NO. ATLANTIC DRY CARGO NO. ATLANTIC	TYPE OF SHIP ROUTE TANKER NO. ATLANTIC UNDERWAT COATS: COAT	TYPE ROUTE TANKER NO. ATLANTIC UNDERWATER BUTTUM	TYPE TRADE AKFA/SYSIEM SUPFACE OF SHIP ROUTE ITANKER NO. ATLANTIC UNDERHATER BUTTUM SSPC-SP-10 PRIMER; ZINC, ORGANIC COATE PROXY, POLYAMIDE COATE PROXY, POLYAMIDE COATE PROXY, POLYAMIDE COATE PROXY, POLYAMIDE COATE PROXY, POLYAMIDE COATE PROXY, POLYAMIDE COATE PROXY, POLYAMIDE COATE PROXY, POLYAMINE CUATE PROXY, POLYAMINE CUATE PROXY, POLYAMINE CUATE PROXY, POLYAMINE CUATE PROXY, POLYAMIDE CUATE ANTIFOUL ING, COAL TAR EROXY ITANKER NO. ATLANTIC UNDERWATER BOTTOM SSRC-SP-10 PRIMER; EPOXY, POLYAMIDE CUATE ANTIFOUL ING, COAL TAR LPOXY ITANKER NO. ATLANTIC UNDERWATER BOTTOM SSRC-SP-10 PRIMER; VINYL CUATE VINYL CUATE VINYL CUATE VINYL CUATE VINYL CUATE PROXY, POLYAMIDE CUATE POLY, POLYAMIDE CUATE POLYAMIDE CU	TYPE TRADE AREA/SYSTEM PREPARATION AGE TANKER NO. ATLANTIC UNDERHATER BUTTUM SPC-SP-10 1 YRS PRIMER; ZINC, ORGANIC COAT3; FORYY POLYAMIDE COAT4; FORYY POLYAMIDE COAT4; FORYY POLYAMIDE COAT4; FORYY POLYAMIDE COAT5; ANTIFOULING, CHEORIN. RUB. ORGANDMET. TANKER NU. ATLANTIC UNDERWATER BUTTOM SSEC=SP-10 1 YRS: PRIMER; EPDXY, POLYAMINE COAT3; ANTIFOULING, COAL TAR EROXY 1 FANKER NU. ATLANTIC UNDERWATER BUTTOM SSEC=SP-10 1 YRS PRIMER; EPDXY, POLYAMIDE CUAT2; FORYY, POLYAMIDE CUAT2; ANTIFOULING, COAL TAR EROXY 1 TANKER NU. ATLANTIC UNDERWATER BUTTOM SSEC=SP-10 2 YRS PRIMER; VINYL COAT3; ANTIFOULING, VINYL, COPPER TANKER UNDERWATER BUTTOM SSPC-SP-10 2 YRS PRIMER; ZINC, ORGANIC COAT3; EPOXY, POLYAMIDE COAT4; POXY POLYAMIDE COAT5; ANTIFOULING, CHIORIN. RUB. ORGANOMET. TANKER UNDERWATER BUTTOM SSPC-SP-10 2 YRS PRIMER; ZINC, ORGANIC COAT5; POXY, POLYAMIDE COAT5; POXY, POLYAMIDE COAT5; POXY, POLYAMIDE COAT5; CHIORING, CHIORIN. RUB. ORGANOMET. TANKER NO. ATLANTIC UNDERWATER BUTTOM SSPC-SP-10 2 YRS PRIMER; ZINC, ORGANIC COAT5; CHIORING CHIORIN. RUB. ORGANOMET. TANKER NO. ATLANTIC UNDERWATER BUTTOM SSPC-SP-10 2 YRS PRIMER; ZINC, ORGANIC COAT5; CHIORING PRIMER COAT5; CHIORING PR	TANKER NO. ATLANTIC UNDERWATER BOTTOM SPC-SP-10 1 YRS PRIMER: PPOXY POLYMHIDE 3.0 COATS: ANTI-OUT ING, COAL TAR EROXY 10.0 COALS: COAL TAR EROXY 10.0 COALS: COAL TAR EROXY 10.0 COALS: COAL TAR EROXY 10.0 COAL TAR EROX 10.0 COAL TAR EROX 10	TYPE	TYPE TRADE AFFA/SYSIEM PREPARATION AGE 1HICK SIGNED OF SHIP ROUTE UNDERHATER BUILDING SPC-SP-10 1 YRS PRIMER: ZING OBGANIC COATS CO	TYPE ROUTE AKFA/SYSTEM SUPERCE SYSTEM 111M SHIP PERFORMANCE PREPARATION AGE 111KK. AGE FVALUATION FREPARATION AGE 111KK. AGE FVALUATION SPC-SP-10 1 YRS PRIMER ZINC,ORGANIC 1.0 MILS ZCORROSIUN: COATS FPOXY POLYAMIDE 2.0 MILS ZCORROSIUN: COATS FPOXY COAL TAKE PROXY 2.0 MILS ZCORROSIUN: COATS FPOXY COAL TAKE PROXY 2.0 MILS ZCORROSIUN: TYPE FOULING

OFFSHURE POWER SYSTEMS / MARAD SHIPS PAINTS/CUATINGS PERFORMANCE SUMMARY

UNDERWATER BUTTOM 1 AREA; PERFORMANCE SYSTEM FILM SHIP SURFACE ARTA/SYSTEM TRADE THICK. AGE **EVALUATION** PREPARATION AGE OF SHIP ROUTE 11 SSPC-SP-IO L.C YRS 12 BULK NO. ATLANTIC UNDERWATER BOITOM 0.5 MILS %CORROSION: 1%
2.3 MILS %COATING FAILURE: 5%
2.0 MILS GENERAL APPEARANCE: GOOD...
2.0 MILS %FOULING: 5%
2.5 MILS TYPE FOULING: SHELL PRIMER: WASH PRIMER SU. ATLANTIC BITUMENOUS BITUMENOUS BITUMENOUS ANTIFOULING, COPPERVOR GANDMETALIC 15 COAT2; COA13: COATS: UNDER WATER BOTTOMSSPC 7SP 710 TANKER NO. ATLANTIC . 2 YRS . 6.0 MILS %CORROSION:
6.0 MILS %COATING FAILURE: 5%
2.0 MILS GENERAL APPEARANCE: GOOD : 1%
2.0 MILS *FOULING* GRASS 22 PRIMER: EPOXY.OTHER COAT2: EPOXY, OTHER COAT3: ANTIFOULING, OTHER COAT4: ANTIFOULING, OTHER COAT4: ANTIFOULING, OTHER 23 26 27 SOUTH PACIFIC UNDERHATER BOTTOM . SSPC-SP-10. ZINC, INURGANIC, OTHER

FPCXY, POLYAMIDE

EPOXY, POLYAMIDE

EPOXY, POLYAMIDE

EPOXY, POLYAMIDE

ANTIFOULING, OTHER

3.0 MILS *CORROSIUN:

2.0 MILS *CORROSIUN:

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8 MILS *CORR PRIMER: LINC. INURGANIC. OTHER 30 COAT 3: 31 32 ; 33 COAT4: GRASS 34 . . . SSPC+SP+10 . 2.0 YRS NO. ATLANTIC UNDERWATER BOTTUM . CONTAINER 2.0 MILS %CORROSION: 38 PRIMER: CHLORINATED RUBBER SCOATING FAILURE: 5% GOOD 1 2 500LING 5% 3.0 MILS 3.0 MILS 2.5 MILS CHLORINATED RUBBER CHLORINATED RUBBER ANTIFOULING, COPPER/ORGANOMETALIC 39 COAT2: COATSI 5% GRASS COAT4: 41 TYPE FOULING: 42 SAND SWEEP 1.0 YRS NO. ATLANTIC UNDERWATER BOTTOM 4 DRY CARGO 1.5 MILS %CORROSION: 5%
2.0 MILS %COATING FAILURE: 5%
2.0 MILS GENERAL APPEARANCE: GOOD
2.0 MILS STOULING: COMB. PRIMER: EPANOL, PHENOXY COATZ: BITUMENDUS ČľIAT4: BITUMENOUS ANTIFOULING COPPER / ORLANDMETALIC COMB. 50 COATS : UNDERWATER COTTOM . "SAND SWEEP 1.2 YRS 1.5 MILS %CURROSION: 2.0 MILS &COATING FAILURE: 5省 54 PRIMER: EPANUL, PHENOXY BITTOME HOUS COATE COATS: 2.0 MILS GENERAL APPEARANCE: GOOD 2.0 MILS FOULING 5% 2:0 MILS TYPE FOULING: COMB BITUMENDUS 58 5% CΩMB. BITUMENOUS 57 ANTIFOULING, COPPER/ORGANOMETALIC 58 : ... \$\$PC=\$P~6 . 1.0 YR\$ DRY CARGO NO. ATLANTIC UNDERWATER BOTTOM 1% 5% 2.0 MILS *CORROSION: PRIMER: BITUMENOUS BITUMENOUS BITUMENOUS ANTIFOULING OTHER ANTIFOULING OTHER 2.0 MILS &COATING FAILURE: COAT2: BITUTENOUS 63 2.0 MILS GENERAL APPEARANCE: GOOD COATS: 2FOUL ING COAT4: TYPE FUUL ING: GRASS

62

(ر	AREA: UNDE	FRWATER BOTTOM	5,111,5				
1	TYPL OF SHIP		AREA/SYSTEM PE		FILM S THICK.	HIP PERFORMANCE AGE EVALUATION	
i	i BULK	NO. ATLANTIC	UNDERWATER BOTTOM SA				
1 1	4 5 6 7		PRIMER; CHAT2: BITUMENOUS CHAT3: BITUMENOUS CHAT4: ANTIFOULING, CUPPERA	/ORGANOMETALIC	U K MILS 2.0 MILS 2.5 MILS	CORRUSION: COATING FAILURE: GENERAL APPEARANCE: TOULING TYPE FOULING:	54 5000 04
2	BARGE	'NORTH PACIFIC	UNDERWATER BOTTOM SS	SPC-SP-10 . 1.0 YRS	~		, ,
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5		PRIMER: EPOXY, POLYAMIDE COATE: ANTIFOULING, EPOXY, C	COPPER	8.0 MILS 2,5 MILS	*CORRUSION: *COATING FAILURE: GENERAL APPEARANCE: *FOULING TYPE FOULING:	5% EXCELL. O%
1	B. BARGE	. NORTH PACIFIC	UNDERWATER BOTTOM :SS	SRC#SR#10 . 1.0.YRS	18 γ g≃-4 β ₂ V-2¢ ε σκ	and south consists in the form and some	profit de galtonidado a
1 3 1 3	2 1		PRIMER: EPOXY, POLYAMIDE COAT2: ANTIFOUL ING, EPOXY, C	SOPPER	8.0 MILS 2.5 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE:	5% 5%CELL.
' 3 3	J . 4 6					TYPE FOUL ING:	UĄ
3	TANKER		UNDERWATER BOTTOM \$5				
3 3 4 4	1 1 1 1 2		PRIMER: ZINC, INDRGANIC, OTHE COAT2: EPOXY, POLYAMIDE COAT3: EPOXY, PULYAMIDE COAT4: ANTIFOULING, OTHER COAT5: ANTIFOULING, CTHER	ER 	2.5 MILS 2.0 MILS 2.0 MILS 2.0 MILS 2.0 MILS	CORROSION: COATING FAILUPE: GENERAL APPEARANCE; KFOULING TYPE FOULING:	1% 5% 6000 5% GRASS
		T. NO. ATLANTIC	UNDERWATER BUTTOM . SS	SBC#SB#10 . 2.0 YRS.		, , , , , , , , , , , , , , , , , , ,	
4 5	; ; ,	. ,	PRIMER: EPUXY, OTHER COAT2: BITUMENOUS COAT4: BITUMENOUS COAT4: BITUMENOUS COAT5: ANTIFOULING, COLD PLODAT6; ANTIFOULING, CCLD PLODAT6; ANTIFOULING, CCLD PL	LASTIC	1.5 MILS 2.0 MILS 2.0 MILS 5.0 MILS 5.0 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE: *FOULING TYPE FOULING:	COMB.
5: 5:	SMÁLL CRAFT	NO. ATLANTIC	UNDERWATER BOTTOM " " SA	ANT SWEEP "3.0 YRS	4 was to deep	the second of th	4 / N/ 4 / 14
5: 5: 5: 5: 5:			PRIMER: EPUXY, POLYAMIDE COATZ: FPOXY, COAL TAR COATZ: ANTIFOUL ING, COPPER/	/UŘ GANOMETAL I C	2.0 MILS 8.0 MILS 2.5 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING;	13 54 EXCELL. 53 SLIME
6	TANKER	NO. AFLANTIC	UNDERWATER BOTTUM SS	SPC-SP-10 2 YBS	, ,	· · · · · · · · · · · · · · · · · · ·	,

2 A HILE WEARINGTONA

DOLLIE DA LEIGONEMATED DIDUCT

AREA: UNDERWATER BUTTUM SUFFACE SYSTEM PREPARATION AGE AREA/SYSTEM TYPE OF SHIP 12 TANKER PERSIAN GULF SSPC-SP-10 2.5 YRS UNDERWATER BUTTOM PRIMER; EPANUL, PHENOXY
CUAT 2: CPDXY, CUAL FAR
COAT 3: EPUXY, CUAL FAR
COAT 4: ANTIFOUL ING, OTHER
COAT 5: ANTIFOUL ING, OTHER
COAT 5: ANTIFOUL ING, DIHER
COAT 5: ANTIFOUL ING, DIHER
1.0 MILS TYPE FOUL ING:
SLIME PRIMER; ZINC, ORGANIC
CCAT2: FPOXY, COAL TAR
COAT3: EPOXY, COAL TAR
COAT4: ANTIFOULING, VINYL, COPPER
COAT4: ANTIFOULING, VINYL, COPPER
COAT6: ANTIFOULING, VINYL, COPPER
COAT6: ANTIFOULING, VINYL, COPPER
COAT6: ANTIFOULING, VINYL, COPPER
COAT6: ANTIFOULING, VINYL, COPPER
COAT6: ANTIFOULING, VINYL, COPPER
COAT6: ANTIFOULING, VINYL, COPPER
COAT6: ANTIFOULING, VINYL, COPPER
L.1 MILS 27 DRY CARGO NO. ATLANTIC UNDERWATER BOTTOM SAND SWEEP 2.0 YRS PRIMER:
COAT2: BILLMENOUS
COAT3: BILLMENOUS
COAT4: BILLMENOUS
COAT4: BILLMENOUS
COAT5: ANIIFQUEING, COPPER/URGANOMETALIC
COAT5: ANIIFQUEING, COPPER/URGANOMETALIC
COAT5: ANIIFQUEING, COPPER/URGANOMETALIC
COAT5: ANIIFQUEING, COPPER/URGANOMETALIC
COAT5: ANIIFQUEING, COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC
COAT5: ANIIFQUEING; COPPER/URGANOMETALIC COATS: ANTIFOULTING COPPER JURGANOMETALIC 2.5 YRS

TANKER MEDITERRANEAN UNDERWATER BOTTUM H.P. WASH 2.0 YRS PRIMER:
COAT 2: BITUMENOUS
COAT 3: BITUMENOUS
COAT 4: BITUMENOUS
COAT 4: BITUMENOUS
COAT 5: ANTIFOUL ING COPPER/ORGANOMETALIG
SMALL CRAFT NORTH PACIFIC UNDERWATER BOTTOM
SSPC-SP-10
1 YRS PRIMER; ZINC, INORGANIC, CTHER

COAT2: EPOXY, POLYANIDE
COAT3: ANTIFOULING, EPOXY, COPPER

COAT3: ANTIFOULING, EPOXY, COPPER

TYPE FOULING: COMB. SSPC-SP-10 2 YRS PRIMER; ZINC, INORGANIC, OTHER
COATZ: EPOXY, OTHER
COATZ: EPOXY, OTHER
COATZ: ANTIFOULING, EPOXY, ORGANISMETALIC
COATZ: ANTIFOULING, EPOXY, ORGANISMETALIC
COATZ: ANTIFOULING, EPOXY, ORGANISMETALIC
COATZ: ANTIFOULING, EPOXY, ORGANISMETALIC
TYPE FOULING
TYPE FOULING:
SLIME
SSPC-SP-6 3.0 YRS

OLISHORE POWER SYSTEMS / MARAD SHIPS PAINTS/CHATINGS PERFORMANCE SUMMARY

\ <i>J</i>	AREA: UNDE	RWATER HOTTOM					
10	TYPE OF SHIP	TRADE ROUTE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	THICK.	AGE EVALUATION	•
			UNDERWATER BOITOM			•	
14 15 16 11	i 	NURTH PACIFIC	PRIMER: FPOXY, PULYAMIDE COATS: FPOXY, POLYAMIDE COATS: ANTIFOULING, EPO	XY,COPPER.,	2.0 MILS 8.0 MILS 2.5 MILS	CORROSIUN: COATING FAILURF: GENERAL APPEARANCE; FOULING TYPE FOULING:	1% 5% 6000 5% 6RASS
	TANKER		UNDERWATER BUITOM .				
27 27 24 24 25		MEDITERRANEAN NORTH SEA	PRIMER: BITUMENDUS COAT3: A.F., ROSIN SOA	AP, COPPER	3.0 MILS 3.0 MILS 2.0 MILS	%CORROSION: %COATING FAILUKE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	5% 5% 6000 5% 60MB•
	BARGE	ALCO A EL ANTEC	LIMB COLLA TOO COTTY AND	cene en la ala vac			
-+ 37 -+ 37 34) • • • • • • • • • • • • • • • • • •		PRIMER: EPOXY, POLYAMIDE COAT2: EPOXY, POLYAMIDE COAT3: EPOXY, POLYAMIDE COAT4: ANTIFOULING, EPO	ΧΥ΄, CΠΡΈΡΕΚ	2.0 MILS 4.0 MILS 2.0 MILS 2.5 MILS	*CORROSION: #COATING FAILURE: GENERAL ARPEARANCE: #FOULING TYPE FOULING:	5% 5% GÖUD 5% SHELL
35 36	TANKER						
31 39 40 41	` 		PRIMER: ZINC.INURGANIC. COATZ: FPOXY.OTHER COAT3: EPOXY.OTHER COAT4: ANTIFOULING, EPO	OTHER OXY ORGANOMETAL IC	3.0 MILS 8.0 MILS 8.0 MILS 2.0 MILS	*CORROSION: *COATING FAILURF: GENERAL APPEARANCE: *FOULING TYPE FOULING:	5% 5% EXCELL. 1% GRASS
44 44	DRY CARGO	MODELL DACKETC	THOSE DUATED BUTTOM	CCDCCD1A 2 V0C			*
46 47 48 49 50			PRIMER: ZINC, INDRGANIC: CDAT?: EPUXY, OTHER CDAT3: ANTIFOULING, OTH	OTHER IER	3.0 MILS 8.0 MILS 2.0 MILS	CORRUSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	5% EXCELL. 1% SLIME
51 52	DRY CARGO	NO. ATLANTIC	UNDERWATER BUTTOM	SSPC-SP-10 1.5 YRS			
53 54 55 56 57 58	;	CARIBBEAN GULF OF MEX.	PRIMER: EPDXY, POLYAMIDE COATS: EPOXY, POLYAMIDE COATS: EPOXY, POLYAMIDE COATS: ANTIFOULING, FPO	XY,CUPPER	2.0 MILS 8.0 MILS 8.0 MILS 2.5 MILS	#COPROSION: #COALING FAILURF: GENERAL APPEARANCE: #FOULING TYPE FOULING:	1 % 5 % 600D 5 % SHELL
			UNDERWATER BOTTOM	SSRC-SP-10 0.75 YRS			
62			PRIMER: EPOXY, POLYAMIDE		B.O MILS	*CORPUSION:	5*

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2.0 MILS &CURROSION:

OFF SHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY SYSTEM ARFA/SYSTEM SURFACE FILM PERFORMANCE TRADE ROUTE PREPARATION ĀĠĒ THICK. 11 12 BARGE NU. ATLANTIC UNDERWATER BOTTOM SSPC-SP-10 3.0 YRS 13 . 3.0 MILS *CORROSION: 8.0 MILS *COATING FA PRIMER: ZINC, INDRGANIC, OTHER COATZ: EPOXY, POLYAMIDE 14 : *COATING FAILURE: 5% GENERAL APPEARANCE: GOOD FOULING 15 ' 17 TYPE FOULING: 18 11 NORTH PACIFIC UNDERWATER BUTTOM SSPC-SP-10 21 3.0 MILS 3.0 MILS 2.0 MILS 2.5 MILS PRIMER: ZINC, INDRGANIC OTHER COATS: EPOXY, POLYAMIDE COATS: EPOXY, POLYAMIDE COATS: ANTIFOULING, OTHER 22 GENERAL APPEARANCE: 23 24 % TYPE FOUL ING: 26 27 SSPC=SR=10 1.0 YRS 24 TANKER . . NO. ATLANTIC UNDERWATER BOTTOM 2.0 MILS 2.0 MILS 2.0 MILS 2.0 MILS *CORROSION: *COATING FAILURE: GENERAL APPEARANCE: *FOULING 30 BITUMENOUS 31 32 ANTIFOULTING, EPCXY, ORGANOMETALIC ANTIFOULTING, EPOXY, ORGANOMETALIC 33 34 TYPE FOULING: 35 . NO. ATLANTIC JUNDERWATER BOTTOM SSRC-SR-10 .1.0 YRS. 38 PRIMER: EPUXY OTHER COATE: BITUMENOUS COATE: BITUMENOUS COATE: BITUMENOUS COATE: ANTIFOULING, COPI 2.0 MILS RODATING FAILURE: 2.0 MILS GENERAL APPEARANCE: 2.0 MILS REDULING: 2.0 MILS TYPE FOULING: 39 41 42 ANTIFOULING, COPPER/ORGANOMETALIC 43 4 DRY CARGO . NO. ATLANTIC . UNDERWATER BOTTOM .. SSBC TSR TIQ., 2.Q YRS. 46 PRIMER; EPUXY, ONE COMPONENT 47 *COATING FAILURE: GENERAL APPEARANCE: FOULING 41 CONTR GÖOD.... BITUMENOUS 56 51 52 .FISHING UNDERWATER BOTTOM. 1.5 MILS %CORROSIUN: 8.0 MILS %COATING FAILURE: 1.2 MILS GENERAL APPEARANCE: EFOULING 54 PRIMER; EPOXY, ADDUCT CPOXY, COAL TAR ANTIFCULING, COAL TAR ERDXY ... 55 56 ទ្ធិស្តីបា ... 51 TYPE FUUL ING: 58 GRASS 59 .FERRY **CARIBBEAN** UNDERWATER BUTTOM . 1.Q YRS

PRIMER: CHLORINATED RUBBER

OFF SHORE POWER SYSTEMS / MARAD SHIPS PAINTS/CUATINGS PERFORMANCE SUMMARY

AREA; UNDE	RWATER BOTTOM	SHIPS PAINTS/C	CUATINGS PERFORMANT	LE SUMMARY			10/14/18
TYPE OF SHIP	TRADE ROUTE	AR EA/SYSTEM	SURFACE SYS PREPARATION A	STEM FILE	M S K.	HIP PERFORMANCE AGE FVALUATION	
		UNDERWATER BOTTOM				x x	
		PRIMER: CHLORINATED RU COATZ: ANTIFOULING,CL	JOBER ILORIN, RUM, ORGANI	THET, 4.0	MILS MILS	%CORRUSIUN: %COATING FAILURE: GENERAL APPEARANC	0% 5% 6000
pilo per sue abrillo e ser a c - t					** -11.00 a serva	TEOULING:	GRASS
CONTAINER		MOERWATER BOTTOM					
	NURTH PACIFIC	PRIMER: CHLORINATED RU COAT2: ANTIFOULING,CO	IBBER IPPER/ORGANOMETALIC	3.0	MILS MILS	*CORROSION: *COATING FAILURE: GENEBAL APREARANC! *FOULING	5% 5% 6000
•		UNDERWATER BOTTOM				TITE TOPESTOR	
Later return in a con-	CARIBBEAN	PRIMER: BITUMENDUS COATZ: BITUMENDUS COATZ: BALF., ROSIN.SC	AR. CORRER	2.0	MILS.	GENERAL APPEARANCI REQULING TYPE FOULING:	E៖ . ថ្មីប្តីពល់
'nov capen	NO ATÉANITÉ	.UNDERWATER BUTTOM	. H . D . MSH 1			,	
, and the mander of	MEDITERRANEAN	PRIMER: DITUMENOUS	normalist (1 0 12 Challs a timestand	3.0	MILS	*CORROSION:	0%
ten to not to met a	PERSIAN GULF	PRIMER: BITUMENDUS CONTE: BITUMENDUS CONTE: BITUMENDUS CONTE: BITUMENDUS CONTE: BITUMENDUS	JAR . CORPER	2:0	All's	TOUATING PATLURE: GENERAL APPEARANCI REDULING	ະ. ຊີ້ລິ້ດຕ
		"UNDERWATER BOTTOM				TYPE FOULING:	SHELL
DRY CARGO	NORTH PACIFIC.	DOLLIES - BUTTOM		LYRS '	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	29 ,	ne productive and the second
!	INDIAN OCEAN SO: CHINA SEA	COATE: BILUMENOUS COATE: BILUMENOUS COATE: A.F. ROSIN SO	DAR COPPER	2.0	YILS YILS	*CORTING FAILURE: GENERAL APPEARANCI	5% 5000
		PRIMER: BITUMENOUS COA12: BITUMENOUS COA13: A.F. ROSIN SC				TYPE FOULING:	COMB.
LNG	ADIW. D.J.NOW	. UNDERWATER "BOTTOM." ,	SAND.SHEER1	YRS	w 244 to 2 1	en dern ann e de de halle e e e sekkelde ska	about wassers and a
		PRIMER: BITUMENOUS COATZ: DITUMENOUS COAT3: ANTIFOULING.CH	H 00 FM - 0/11/100 - 000/1	4.0 ! 3.0 !	11LS 11LS	CORROSION:	14 54
	v. , , , , , , , , , , , , , , , , , , ,	CUALS: ANTIFOULING, CH	ILUKINA BUBBEKAGUPP	'RK 2*Q /		GENERAL APPEARANCI REDULING TYPE FOULING:	27.
NAVY	SOUTH PACIFIC	UNDERWATER BOTTOM		YRS.			
	NURTH PACIFIC	PRIMER: EROXY, POLYAMIR) <u>E</u>	2.0	HILS S	*CORROSION:	5%

OFFSHURE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

ול		ERWATER BOTTOM					
10 11	TYPE OF SHIP	TRADE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	•
12	NAVY .	NO. ATLANTIC	UNDERWATER BOTTOM	SSPC-SP-10 2.75 YRS		e e e e e e e e e e e e e e e e e e e	
14 15 16 17 18		• • • • • • • • • • • • • • • • • • • •	PRIMER; EPOXY, POLYAMIDE COAT2; CPOXY, POLYAMIDE COAT3; EPOXY, POLYAMIDE COAT4; ANTIFOULING, VINY	L, COPPER TOTAL	2.0 MILS 2.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	5% 5% 6000, 60MB•
	INAVI	SUUIN ENLIFIC	DIMERNATER BUILDING	~ ラタドアュタドンチの ' 5 * 6 ' A Kタ '		ere with the first of the second of the second	a seedle to be
22	, 1	NORTH PACIFIC	PRIMER: EPOXY, PULYAMIDE COATS: EPOXY, POLYAMIDE COATS: EPOXY, POLYAMIDE COATS: ANTIFOULING, VINY UNDERWATER BUITOM	L COPPER L'COPPER	2.0 MILS 2.0 MILS 2.0 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: .GENERAL APPEARANCE: #FOULING TYPE FOULING;	1% 5% .6000 a 5% SHELL
21	TANKER	NORTH PACIFIC	UNDERWATER BUILDM	_SSPC=SP=10 2 YRS		•	
30 31 32 33 34			PRIMER; EPOXY.OTHER COATZ: BITUMENOUS COATZ: ANTIFOULING.EPOX	Y.ORGANOMETALIC	B.O MILS 3.0 MILS 3.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	5% EXCELL: 1% SLIME
36 37	TANK ER.	WORLD WIDE	UNDERWATER BOTTOM	Haffa WASH . 1.6 YRS		in the second state of the	3.6
38 39 40 41 42			PRIMER; EPOXY, POLYAMIDE CUAT2; EPOXY, POLYAMIDE COAT3; EPOXY, POLYAMIDE COAT4; ANTILOULING, EPOX	Y'tCOPPER"	2.0 MILS 2.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	5% 10% FAIR 10% CDMB,
44	RIHK	MIT. ATT ANTIC	HNDERWATER ROTTOM	LID LIACH 1 36 VUC	•	· · · · · · · · · · · · · · · · · · ·	
46 47 48 49 50	t 1	MED ITERRANEAN	PRIMER: WASH PRIMER COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: BITUMENOUS COAT5: ANTIFOULING, COPP UNDERWATER BOTTOM	ER/ORGANOMETALIC	0,5 MILS 2,0 MILS 2,0 MILS 2,5 MILS	#CORROSION: CCOATING FAILURE: GENERAL APPEARANCE; #FOULING TYPE FOULING:	1% 10% FAIR 10% COMB,
52 53	BULK	NU. ATLANTIC	UNDERWATER BOTTOM	SAND SHEEP 1.2 YRS			·
54 55 56 57 58	1		PRIMER; CUAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: BITUMENOUS COAT5: ANTIFOULING, COPP UNDERWATER WOTTOM PRIMER;	FR/OR GANOMETALIC	U K MILS 2.0 MILS 2.0 MILS 2.5 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE; FOULING TYPE FOULING:	10% 10% FAIR 10% GRASS
60 61	BULK	NO. ATLANTIC	UNDERWATER BOTTOM	SAND SWEEP 1.0 YRS			
62			PRIMER:		ñ K Wirz	*CORRUSION:	10%

		*		•
PAGE 10/			1	٨
1 72 95	_		Ł	×
107	1	4/	7	Н

3 4 5 1	 - AREA: UNDE	 KWATER BOJTON	OFF SHURE PO SHIPS PAINTS/COAT	IWER SYSTEMS / MARAD TINGS PERFORMANCE SUMM	AARY		P/	AGE 16 10/14/78
3 10	TYPE OF SHIP	TRADE ROUTE	AFE A/SYSIFM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP AGE	PERFURMANCE EVALUATION	
12	SMALL CRAFT	NO. ATLANTIC	UNDERWATER BETTOM	SSPC-SP-10 2.25 YRS				
14 15 16 17	3		PRIMER: EPOXY, POLYAMIDE COATZ; ANTIFOULING, VINY	-1 COPPER	8.0 MILS	CORR COAT GENER FOUL TYPE	USION: ING FAILURE: AL APPEARANCE: ING FOULING:	10% 10% G000 5% GRASS
20 21		SOUTH PACIFIC	UNDERWATER BOTTOM	H.R. WASH YRS.	* ** · · · · · · · · · · · · · · · · ·	'	x - 11	
22 23 24 25 26	· ·	NORTH PACIFIC	PRIMER: EPDXY, POLYAMIDE COAT2: CHLORINATED RUBBE COAT3: CHLORINATED RUBBE COAT4: ANTIFOULING, CHLOR	R R RTN, RUBBER, COPPER	n K WILS	#CORR #COAT GENER FOUL TYPE	DSION: ING FAILURE: AL APPEARANCE: ING FOULING:	10% 10% 6000
21 28 24		NO. ATLANTIC	UNDERWATER BOTTOM	SSRC#SR-10.1.25 YRS			and the second second	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
30 31 32 33	· · · · · · · · · · · · · · · · · · ·		PRIMER: EPOXY, POLYAMIDE COATE: ANTIFOULING, EPCXY	CICOPPER	8.0 MILS	#CORR #COAT GENER #FOUL TYPE	OSION: ING FAILURE: AL APPEARANCE: ING FOULING:	10% 10% 5000
35 36	SMALL CRAFT	NO. ATLANTIC .	UNDERWATER BOTTOM		s no day so sa	e e Vilenia z	,	e Charolog a manifest
38 39 40 41 42 43		, , , , , , , , , , , , , , , , , , , ,	PRIMER: WASH PRIMER CHATZ: VARNISH CHATZ: VARNISH CHATZ: ANTIFOULING, COLD COATS: ANTIFOULING, COLD	PLASTIC .	0.5 MILS	#CORR #COAT GENER #FOUL TYPE	OSION: ING FAILURE: AL APPEARANCE: ING FOULING:	5% 10% 6000 10% SHELL
44 45	TANKER						V a noon t noon t w the and the	, , , ,
46 47 48 49 50 51			PRIMER: EPDXY, POLYAMIDE COATE: ANTIFULING, EPOXY	ÇQPPFR	3.0 WILS	#CORR #COAT #GENER #FOUL TYPE	OSION: ING FAILURE: AL APPEARANCE: ING FOULING:	5% 10% 6000 10% COMB.
52	SMALL CRAFT	NO. ATLANTIC.	UNDERWATER BUTTOM		* //****	Manager of a		
53 54 55 56 57 58 59			PRIMER; EPOXY.POLYAMIDE COAT2: ANTIEDULING.COPPE			GENER GENER FOUL	DSION: ING FAILURE: AL APPEARANCE: ING FOUL ING:	10% 6000 10%
60 61 62	.TAN KER	MEDITERRANEAN	UNDERWATER BUITON	\$\$RC#\$8#101.0 YR\$.	 2.0 MILS	 «ՐՈՒԹ	0.510M+	107
• /			PRIMER; EPOXY.POLYAMIDE		E 12 !!!! 2	# 013.11.	****	4 0 19

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SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

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^. { }	AREA: UNDERN	ATER BOTTOM		2111h2 hatmizarda	11402 REKLUKI	TANCE SUM	MAKT		,		10/14//0
' 1				ARFA/SYSTEM			FIL	LM : CK.	SHIP	PERFORMANCE EVALUATION	
12				TER BOTTOM .						, x	
13 14 15			PRIMER: COATZ:	WILLOOF LUSTELLINE	R		20	MILS MILS	#CORF	ROSION: FING FAILURE: RAL APPEARANCE:	10% 10% FAIR
11					***	~			TYPE	ING FOULING:	10% SHELL
20				TER_NOTTOM							
27	in the second se	116 / 1 of 1811 14 M PP Weedle 118	PRIMER: COAT2:	RITUMENOUS BITUMENOUS	R'	and the same and the same and	20	MILS	#CORI #COA GENEI	ROSION: FING FAILURE: RAL ARPEABANCE:	10% 10% FAIR.
20				TER .BOTTOM							
25											
30 31 + 37 31	g y y y y y y y y y y y y y y y y y y y		COAT3:	BITUMENOUS BITUMENOUS BITUMENOUS ANTIFOULING.COPP	The state of the s	dendadanas de deser desas	2.00	MILS	COAT GENER FOUL	TNG FAILURF: PAL ARPEARANCE: TNG	ioż godo
3		•	COATS:	ANTIFOULING.COPP	ER/ORGANOMETA	ALIC '	2.5	MILS	TYPE	FOULING:	
30 31	TANKER S	DIFIDAR, HTUD	UNDER WA	TER BOTTUM	SSRC#SR#1Q	2 YB\$, , , , , , , , , , , , , , , , , , , ,			g Landanaman all an engla k 200 - a faloresh - saban man final	nema marinda atamagashi bati u
31 35 40	, N	URTH PACIFIC	PRIMER: COAT2: COAT3:	EPUXY, POLYAMIDE FPOXY, POLYAMIDE ANTIFOULING, EROX	Y. CORRER		2.0	MILS MILS MILS	ሄርበRE ሄርበል] GENE	ROSION: [ING FAILURE: RAL APPEARANCE:	1 % 1 0 % £1 6 0 0 0 1 1 1 1 1
4									TYPE	. ING FOUL ING :	TOX COMB.
4	FISHING / LN	D. ATLANTIC	UNDERWA	TER, BOTTOM Louis and	.SSPC-SP-10	.1.0 YRS .				e e me e proposition e e	
41 41 41			PRIMER: CUATZ;	TER BOTTOM	Y COPPER .		8.0	MILS MILS	*CORF CORF GENE	ROSION: [ING FAILURE: RAL APPEARANCE:	0% 10% 3 6000 7 7
49 50 51		A C. C. C. C. NO MARKED 2 700-			emercial teat of microsoft is a transfer trade.	and the contract		Adjust 4.	TYPE	ING FOULING:	GRASS
57	TANKER	ID. ATLANTIC	. UNDER WA	TER GOTTAM	nen esmiskusine ne et e er e e.c.	1.Q YR\$.				ar Ing raco - kina - ang ago na ay pagabantaga paga	· · · · · · · · · · · · · · · · · · ·
5/ 5! 5!	ant se a second		PRIMER; COAT2; COAT3; COAT4;	VARNISH VARNISH ANTIFOULING", EPCX	v ciinace	**** ** *	U K 200	MILS	KCORF KCOAT GENEF	ROSION: TING FAILURE: RAL APPEARANCE:	្តិ
51 51	,		,						TYPE	FRUL ING:	CÔMB.
60	LITANKER	Ω. ATLANTIC		TER. BOTTOM	LSAND SWEER	.1.6 .YB\$.				e de la la suranne la persona	
6	1		PRIMER:	EPOXY.POLYAMIDE	•		2.0	MILS	%CORF	ROSION:	10%

SHIPS PAINTS/CUATINGS PERFORMANCE SUMMARY

UNDERWATER BOTTOM AR LA : SHIP SURFACE SYSIEM PERFORMANCE ARTA/SYSIE 1 FII.M TYPE TRADE THICK. **EVALUATION PREPARATION** AGE OF SHIP 10 ROUTE SSRC-SP-10 1.5 YRS SMALL CRAFT NORTH PACIFIC UNDERWATER BOTTOM 13 2.0 MILS %CORROSIUN: 8.0 MILS &COATING FA 2.5 MILS GENERAL APP 0% PRIMER: FPUXY, POLYAMIDE COAT2: FPOXY, POLYAMIDE COAT3: ANTIFOULING, EPOXY, COPPER ... 14 10% *COATING FAILURE: 15 GENERAL APPEARANCE: FOULING TYPE FOULING: ĞDÖD.... 107 17 COMB. 18 19 1.Q YRS SMALL CRAFT SSPC-SP-10 UNDERHATER BOTTOM 20 21 CORROSIUN: 10%
COATING FAILURE: 10%
GENERAL APPEARANCE: GOOD
FOULING
TYPE FOULING: 2.0 MILS 8.0 MILS 2.5 MILS PRIMER: EPOXY, POLYANIDE COAT2: FPOXY, POLYAMIDE COAT3: ANTIFOULING, EPOXY, COPPER 22 23 24 25 26 21 UK YRS 28 TANKER NORTH PACIFIC UNDERWATER BOTTOM 25 MILS &CORROSION:
MILS &COATING FAILURE:
MILS GENERAL APPEARANCE:
MILS &FOULING
TYPE FOULING: 10% 30 PRIMER: 2.0 10% CUATE 31 GOOD 32 33 0% COAL4: 34 35 2 YRS SOUTH PACIFIC UNDERWATER BUTTOM SSPC=SP=10 36 TANKER 37 NORTH PACIFIC PRIMER: ZINC, INDRGANIC, OTHER COAT2: FPOXY, POLYAMIDE COAT3: ANTIFOULING, EPOXY, CORBER 3.0 MILS 8.0 MILS 2.5 MILS *CORROSION: *CUATING FAILURE: 38 íóz 39 GENERAL APPEARANCE: GOOD 40 41 ČŇŇB. TYPE FOULING: 42 43 . . SAND SWEEP. 2.2 YRS NU. ATLANTIC .BARGE UNDERWATER BUTTOM 45 8.0 MILS 8.0 MILS 2.5 MILS *CORROSION; 46 PRIMER: EPOXY, COAL TAR *COATING FAILURE; 47 10% EPUXY COAL TAR GENERAL APPEARANCE: ANTIFOULTING COPPER LORGANGMETALIC ĜĎÕũ 48 43 TYPE FOULING: 50 51 2 YRS NO. ATLANTIC SSPC-SP-6 TANKER UNDERHATER BOTTUM 4.0 MILS *CORROSION: 16.0 MILS *COATING FAILURE: PRIMER: CHLUKINATED RUBBER 10% 54 CARIBBEAN 55 COAT2; EPOXY, COAL TAR 10% GENERAL APPEARANCE: FAIR 56 51 TYPE FUULING: 58 59 66 NO. ATLANTIC SAND SWEEP , 1.1 YRS DRY CARGO UNDERWATER BOITOM 61 1.5 MILS &CORROSION: 62 10% PRIMER: LPOXY, OTHER

	5	2 3 4.'	RWATER BUTTOM	UFFSHURT PORER SYSTEMS / MARAD SHIPS PAINTS/CUATINGS PERFURMANCE SUM	IMARY		er er græder	Р/	AGE 119 10/14/78
	1 1 1	TYPE OF SHIP	TRADE ROUTE	AR FAZSYSTEM SURFACE SYSTEM PREPARATION AGE		M K.	SHIP PE	RFORMANCE VALUATION	
	1: 1: 1: 1: 1:	Z.DRY CAKGO		UNDERWATER BOTTOM H.P. WASH I YRS PRIMER; BITUMENOUS COATZ: BITUMENOUS CDAT3: A.F., ROSIN SOAR, CORPER	1.5	MILS MILS MILS	20 %COKROS %COATIN GENERAL %FOULIN TYPE FO	ION: G FAILURE: APPEARANCE: G	10% 10% FAIR 10% COMB.
,	2	1 2 3 4.:	SOUTH PACIFIC	UNDERWATER BUTTOM H.P. WASH I YRS PRIMER: BITUMENDUS GOAT 2: 4.F., ROSIN SOAP, GOPPER		r		ION: G FAILURE: APPEARANCE: IG ULING:	
	25 3 3 4 3; 3; 3;	· · · · · · · · · · · · · · · · · · ·		UNDERWATER BOTTOM . H.R. WASH 1 YRS. PRIMER; CHLORINATED RUBBER CCAT2; CHLORINATED RUBBER CCAT2; CHLORINATED RUBBER CCAT3; ANTIFOULING, COPPER/ORGANOMETALIC	3.0 3.0 3.0	MILS MILS MILS	#CORROS #COATIN GENERAL #FOUL IN TYPE FO	ION: G FAILURE: APPEARANCE: G ULING:	10% 600D 10% COMB.
	31 31 31 41 4 4 4		ENG. CHANNEL	UNDERWATER BUTTOM HARA WASH 1 YRS PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: A.E., BOSIN SOAP, CORBER	3.0 3.0 1.5	MILS MILS	%CORROS COATIN GENERAL FOULIN TYPE FO	IUN: G FAILURE: APPEABANCE: G UL ING:	13 103 6000 103 SHELL
	4: 4: 4: 4: 4: 5: 5:			UNDERWATER BOITOM H.R. WASH 1 YRS PRIMER: BITUMENOUS GOATS: A.F., ROSIN SOAP, COPPER	3.0			ION: G FAILURE: APPEARANCE: G ULING:	5% 10% 6000
	51 54 51	; ; ;		UNDERWATER BOTTOMH.P. WASH 1 YRS PRIMER: A.F., RUSIN SOAP, COPPER COAT2;		MILS MILS	CORROS COATIN GENERAL FOULIN TYPE FO	ION: G FAILURE: APPEARANCE: IG UL ING:	10% 10% 6000 5% COMB.
	60 61 61		NORTH SEA	PRIMER: BITUMENUUS	3.0	WIFZ	 ¿CORROS	Ĭoŭ:	5%

TYPE FOULING: SHELL

)	AREA: UNDEF	WATER BUTTOM	SHIPS PAINTS/CUA	TINGS PERFURMANCE, SUMI	MARY	10/14/78
10	TYPE OF SHIP	TRADE	AREA/SYSTEM	SUPFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION	
14 15 16 17 11		NORTH PACIFIC	PRIMER: EPOXY, POLYAMIDE COAT2: FPOXY, POLYAMIDE COAT3: EPOXY, POLYAMIDE COAT4: ANTIFOULING, VINY COAT5: ANTIFOULING, VINY	L.COPPER L.COPPER	2.0 MILS %CORKOSION: 2.0 MILS &COATING FAILURE: 2.0 MILS GENERAL APPEARANCE 2.0 MILS XFOULING 2.0 MILS TYPE FOULING:	10% 10% 1. FAIR 10% SHELL
22 23 24 25 26 27 28			PRIMER: EPOXY, POLYAMIDE COAT2; EPOXY, POLYAMIDE COAT3; EPOXY, POLYAMIDE COAT5; ANTIFOULING, EPOX COAT5; ANTIFOULING, EPOX	Y.COPPER Y.GOPPER	1.0 MILS &CORROSION: 6.0 MILS &COATING FAILURE: 6.0 MILS GENERAL APPEARANCE 1.5 MILS &FOULING 1.5 MILS TYPE FOULING: 1.5 MILS	O% 10% FAIR GRASS
29 30	SMALL CRAFT	NO. ATLANTIC	UNDERWATER BOTTOM	\$\$PC-\$P-6 2.25 YRS		1
31 32 33 34 35 36			PRIMER: WASH PRIMER CDAT2: A.C. COLD PLAST! COAT3: A.C. COLD PLAST! COAT4: A.C. COLD PLAST! CDAT5: ANTIFOULING.COLD COAT6: ANTIFOULING.COLD	C C PLASTIC PLASTIC	0.5 MILS #CORROSIGN: 1.5 MILS #COATING FAILURE: 1.5 MILS GENERAL APPEAKANCE 1.5 MILS #FOULING 5.0 MILS TYPE FOULING: 5.0 MILS	\$HEFF 103 103 103 103
. 38	BULK	NO. ATLANTIC	UNDERWATER BUTTOM	SSPC-SP-10 1.0 YRS		
40 41 42 43 44		SO. ATLANTIC	PRIMER: WASH PRIMER COAT2: BITUMEHOUS COAT3: BITUMEHOUS COAT4: BITUMENOUS COAT5: ANTIFOULING, COPP	ER/DRGANDMETALIC	0.5 MILS #CORROSION; 2.0 MILS #COATING FAILURE: 2.0 MILS GENERAL APPEARANCE 2.0 MILS #FOULING; 2.5 MILS TYPE FOULING;	5% 15% FAIR 15% SHELL
46	BULK	NO. ATLANTIC	UNDERWATER BOTTOM	\$\$PC-\$P-10 1.0 YR\$		
48 49 59 51 52		SO. ATLANTIC	PRIMER: WASH PRIMER COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: BITUMENOUS COAT5: ANTIFOULING.COPP	ER/OR GANOMETALIC	0.5 MILS &CORRUSION 2.0 MILS &COATING FAILURE; 2.0 MILS GENEPAL APPEARANCE 2.0 MILS &FIULING 2.5 MILS TYPE FOULING;	1% 15% FAIR 15% GRASS
54 55	BULK	NO. ATLANTIC	UNDERWATER BOTTOM	\$\$PC-\$P-10 1,0 YRS		•
59		SO. ATLANTIC	UNDERWATER BOTTOM PRIMER: WASH PRIMER COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: BITUMENOUS COAT5: ANTIFOULING, COPP		0.5 MILS *CORROSION; 2.0 MILS *COATING FAILURE; 2.0 MILS GENERAL APPEARANCE 2.0 MILS *FOULING; 2.5 MILS TYPE FOULING;	158
	BULK	MORED MIDE	UNDERWATER BOTTOM	H.P. WASH 1.8 YRS		
64 65	·		PRIMER: EPDXY.COAL TAR COAT2: FPDXY.PULYAMIDE COAT3: ANTIIOULING.OTHE	R	8.0 MILS *GORKUSION: 2.0 MILS *COATING FAILURE: 2.5 MILS GENERAL APPEARANCE *FOULING TYPE FOULTNG	10% 15% GOOD O% COMB

¢	AREA: UNDE	RHATER BOITÓM	SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY	10/14/7
1	TYPE OF SHIP	TRADE ROUFE	AREA/SYSTEM SUPFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	
1	DBY CARGO	NU. ATLANTIC	UNDERWATER BUTTOM . SAND SWEEP 1.2 YRS	
	1 1		PRIMER; FPANOL, PHENOXY COAT2; BITUMENOUS COAT3; BITUMENOUS COAT4; BITUMENOUS COAT5; ANTIFOULING, COPPER/ORGANOMETALIC 1.5 MILS #CORROSION: 2.0 MILS #COATING FAILURE: 2.0 MILS GENERAL APPEARANCE: 2.0 MILS #FOULING 2.0 MILS TYPE FOULING:	15% 5000 5000 60MB.
21	DRY CARGO	NORTH SEA	UNDERWATER BOTTOM H.R. WASH 1 YRS	
2 2 2 2 2	1. ,		PRIMER: BITUMENDUS COATZ: BITUMENDUS COATZ: BITUMENDUS COATZ: BITUMENDUS COATZ: BITUMENDUS GENERAL APPEARANCE: FOULING TYPE FOULING:	15% 15% GQQD 0%
2	CONTAINER.	NO. ATLANTIC		
2: 3: 3: 4:3: 3:3:	4 ·			15% 15% 6000 0% SLIME
3(SMALL CRAFT	GULF UE MEX.	LUNDERWATER BOTTOM SSPC=SP=6 2.75 YRS	
3: 3: 4: 4:			PRIMER: EPOXY, POLYAMIDE COATA: EPOXY, POLYAMIDE COATA: ANTIFOULING, EPCXY, COPPER COATA: ANTIFOULING, EPCXY, COPPER COATA: TYPE FOULING:	1% 15% 6000 15% GRASS
4	FERRY	NORTH PACIFIC	UNDERWATER BOTTOM 1.5 YRS	,
41 41 41 41 51			PRIMER: COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: U K MILS %CORROSION: 2.0 MILS %COATING FAILURE: 2.0 MILS GENERAL APPEARANCE: MILS %FOULING TYPE FOULING:	15% 15% FAIB COMB.
5	TANKER	SU. ATLANTIC	UNDERWATER BOTTOM SSECTSET6 UK YRS	
5: 5: 5: 5: 5:			PRIMER; EPCXY, OTHER COATZ: C	10% 15% 6000 15% SLIME
61		NU. ATLANTIC	UNDERWATER BUTTUM SSPC-SP-10 1.75 YRS	
6 6 6 6 6 6	2 1 1 1 5 5		PRIMER: WASH PRIMER COAT2: BITUMENOUS COAT3: BITUMENOUS CUAT4: BITUMENOUS COAT5: VARNISH COAT6; ANTIFOULING, COPPER/OBGANOMETALIC COAT6; ANTIFOULING, COPPER/OBGANOMETALIC COAT6; COAT6; ANTIFOULING, COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC COAT6; COAT6; COPPER/OBGANOMETALIC	15% 15% FAIR 10% SLIME

	RWATER BUITOM	diff a fatiful martina i tiri bilinini de	21111200		10714770
TYPE OF SHIP	KDU1E .	•		SHIP PERFORMANCE AGE EVALUATION	•
DRY CARGO		UNDERWATER BOTTOM 2.0 YRS PRIMER: FPOXY, POLYAMIDE COATS: FPOXY, POLYAMIDE COATS: FPOXY, POLYAMIDE COATS: LEGISTER COATS: LEGISTER COATS: LEGISTER COATS: LEGISTER COATS L	U K MILS U K MILS U K MILS	#CORROSION: #COATING FAILURE: GENERAL APREARANCE #FOULING: TYPE FOULING:	15% 15% FAIR COMB.
	A Company of the Comp	PRIMER: BITUMENOUS GOATE: OTHERS LUNDERWATER BOTTOM SSEC-SE-10 2 YKS	2.0 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: _GENERAL APPEARANCE: #FOULING TYPE FOULING:	10 % 15 % GOOD SLIME
	NORTH PACIFIC	PRIMER; ZINC.INORGANIC.OTHER COATZ: EPOXY.PULYAMIDE COATZ: ANTIEOULING.EROXY.COPPER	3.0 MILS 6.0 MILS 2.5 MILS	*CORROSION: *COATING FAILURE: .GENERAL APPEARANCE: *FOULING TYPE FOULING:	13 153 6000 153 6048.
•		UNDERWATER BOTTOM SAND SWEER 1.25 YRS PRIMER; EPOXY, OTHER COATE: BITUMENOUS COATE: BITUMENOUS COATE: VARNISH COATE: VARNISH COATE: ANTIFOULING, COPPER/ORGANOMETALIC COATE: ANTIFOULING, COPPER/ORGANOMETALIC			
to the second se	NU. ATLANTIC.	UNDER HATER BOTTOM SSPC-SP-6 2 YRS PRIMER: CHLOPINATED RUBBER COAT2: EPOXY. CUAL TAR	4.0 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE: *FOULING	15% 15% FATR
; ;		UNDERWATER BOTTOM H.P. WASH 1.0 YRS PRIMER; COAT2; COAT3: EPUXY, POLYAMIDE COAT4: ANTIFOULING, EPOXY, COPPER	U K MILS U K MILS 2.0 MILS 2.5 MILS	CORFOSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	25% 15% FAIR 25% COMB,
DRY CARGO	MORFD MIDE	UNDERWATER BUTTOM II.P. WASH I YRS' PRIMIR; HITHMENOUS COAT2: BITUMENOUS COAT3: A.F., ROSIN SOAP, COPPER		CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	10 m 41 24 mm 3 h 4 h 5 h 7 h 4

DEFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA: UNDERNATER BOTTOM SURFACE AP EAZ SYSTEM OF SHIP TRADE ROUTE PREPARATION AGE THICK. H.P. WASH 1 YRS 11 NORTH PACIFIC UNDERWATER BOTTOM DRY CARGO 3.0 MILS 3.0 MILS *CORROSION: 104
*COATING FAILURE: 154
GENERAL APPEARANCE: FAIR ...
*FOULING 158
TYPE FOULING: COMB. SO. CHINA SEA PRIMER: BITUMENOUS PRIMER: BITUMENOUS CDATZ: A.F., KOSIN SDAP, COPPER 11 15 1 H.B. WASH ... 1 YRS NO. ATLANTIC UNDERWATER BUTTOM BULK ... CARIBBEAN PRIMER: BITUMENDUS MEDITERRANEAN COATZ: A.F., ROSIN SPAP, COPPER GULF OF MEX. 22 23 GÉNERAL APPEARANCE: GÓOD . 25 H.B. WASH I YRS 24 DRY CARGO NO. ATLANTIC UNDERWATER, BOTTOM PRIMER: BITUMENDUS COATS: A.F., POSIN SQAP, COPPER CARTBREAN 31 t 33 34 SMALL CRAFT NORTH SEA UNDERWATER BOTTOM H.R. WASH 1 YRS PRIMER: BITUMENOUS COATZ: BITUMFNOUS COATZ: A.F., ROSIN SOAR, CORRER. TYPE FUULING: 42 . H.P. WASH 44 ISMALL CRAFT NORTH SEA UNDERWATER BUILDIN PRIMER: BITUMENOUS 3.0 MILS #CORROSION: CHATZ: A.F., BASTN SMAP, COPPEB *COATING FAILURE: 47 ĞÊNERAL APPEARANCE: FAIR ZEOULING 15% TYPE FOULING: SHELL 48 UNDERWATER BOTTOM 52 DRY CARGO NO. ATLANTIC 4.0 MILS #CURROSIUN: 4.0 MILS #COATING FAILURE: 2.0 MILS GENERAL APPEARANCE CARIBBEAN NURTH SEA PRIMER: BITUMENOUS COAT2: RITUMENOUS COAT3: A.F., KOSIN SOAP, COPPER 54 15% 55 GENERAL APPEARANCE: FAIR 57 TYPE FOUL ING: 59 . SAND SWEEP 2.0 YRS 60 DRY CARGO NO. ATLANTIC UNDERWATER BUTTOM 61 1.5 MILS &CORROSIUN: 25% 62 PRIMER: EPANUL, PHENOXY

SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

) ;	AREA; UNDE	RNATER BOTTÓM	SHIPS PAINTS/EDA	T'INGS "ÞERFORMANCE" SÚMM	MARY		10714/78
9	TYPE OF SHIP	[RADE PUUTE	AKEA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM STHICK.	SHIP PËRFORMANCE AGE EVALUATION	
12	ово	SOUTH PACIFIC	UNDERWATER BOTTOM	H.P. WASH 2.0 YRS			
14 15 16 17 18	 	NO. ATLANTIC	UNDERWATER BOTTOM PRIMER; EPOXY, POLYAMIDE COAI2; FPOXY, POLYAMIDE COAI3; ANTIFOULING, EPOX	Y, CUPRER	2.0 MILS 2.0 MILS 2.0 MILS	CURROSIDN: 4COATING FAILURE: GENERAL APPEARANCE: FOULING: TYPE FOULING:	25% 25% FAIR 25% COMB•
20			UNDERWATER BUILDM	"226r4264PP" OR AB2"	* ** * ** * ** * ** * * * * * * * * *	44.18/ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 4
22 23 24 25 26 27			PRIMER: BITUMENOUS COATS: ANTIFOULING: DINE COATS: ANTIFUULING: OTHE	R	2.0 MILS 2.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	25% 25% FAIR 25% SHELL
28	TANKER .	NU. ATLANTIC	UNDERWATER BOTTOM	SSRC#SR#5 3 YRS	* ******	.03	in and a second state of a
30 31 32 33 34		SO. ATLANTIC CARTUBEAN	PRIMER: CHLURINATED RUBB COAT2; CHLORINATED RUBB COAT3; CHLORINATED RUBB COAT4; ANTIFOULING, CHLO	ER ER ER RIN, RUB, ORGANUMET,	2.4 MILS 2.8 MILS 2.8 MILS 1.6 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING: TYPE FOULING:	13 25% .GOOD 25% SLIME
36	DRY CARGO .	NO. ATLANTIC.	UNDERWATER BOTTOM	SSRC#SP#10 .1.Q YRS.	s toda was	and the second of the second of the second	ar and make a
38 39 40 41 42 43	<u></u>		PRIMER: EPANOL, PHENUXY COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: BITUMENOUS COAT5: ANTIFOULING, VINY	L.COPPER	1.5 MILS 2.0 MILS 2.0 MILS 2.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: TFOULING TYPE FOULING:	25% 25% FAIR : 25%
44	BULK	NO. ATLANTIC.	UNDERWATER BOTTOM	.SSBC=SB=10UK YRS		de de la mer la cercial de la compansión de la compansión de la compansión de la compansión de la compansión de	er Kanada kan merupakan kan
46 47 48 49 50 51	: "		PRIMER: EPANOL, PHENOXY COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: BITUMENOUS COAT5: ANTIFOULING, VINY	L.COPPER	1.5 MILS 2.0 MILS 2.0 MILS 2.0 MILS 1.5 MILS	*CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	25% 25% POOR 25% SHELL
52	SMALL CRAFT	NO. ATLANTIC	UNDERWATER BUTTOM	SSRC=SR=LU .2.Q YRS .	e a e e e e e e e e e e e	e de tallance de la film de la faction de la faction de la faction de la faction de la faction de la faction de	
54 55 56 57 58	•		PRIMER: EPOXY, POLYAMIDE COAT2;		8.0 MILS	#CORROSION: . #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	25% 25% FAIR 15% SHELL
61	DRY CARGO		UNDERWATER BOTTOM				
52		GULF OF MEX.	PRIMER:		U K MILS	#CORROSION:	1 በ ሂ

į	AREA: UNDE	RWATER BUTTOM	2011/2 LYIMIS	ACCIVITATION LEGITIMANCE 30	PIPIANT		107 147 14
11		TRADE ROUTE	AP FA/SYSTEM		FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
13 14 15 16 17 18			UNDERWATER BUTTOM PRIMER: BITUMENOUS COATE: BITUMENOUS COATE: ANTIFOULING.	OTHER	2.0 MILS 2.0 MILS 2.0 MILS	TIPE TOOLING.	C UND •
21	•		•	SSRC#SR#6 UK YRS			
22 23 24 25 26		e con an emerge of make constrained	PRIMER: BITUMENOUS COAT2: BITUMENOUS CEAT31. BITUMENOUS	allinerate all the transfer and service and several service and se	2.0 MILS	*CORROSION: *COATING FAILURF:GENERAL APPEARANCE: *FOULING TYPE FOULING:	25% 25% FAIR
23		MO ATLANTIC	HADERWATER ROTTOM ""	SSPC=SR=6 UK YRS			
				CTHER.	2.0 MILS 2.0 MILS 2.0 MILS		25% 25% FAIR
35 36	TANKER	IINKNOWN	UNDERWATER ROTTOM	SSPC=SP=6 UK YRS			
33				DTHER			25% 25% EATR
13 44 45	TANKER	WORLD WIDE.	UNDERWATER BOTTOM	SSEC =SP=10 1.5 YBS			
46 47 48, 49 50	1		PRIMER: EPOXY, COAL T COAT2; EPOXY, POLYAM COAT3: ANTIFOULING,	AR IDE EROXY.COBPER	H.O MILS 2.0 MILS 2.5 MILS	*CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	5% 25% FAIR
52 53	CONTAINER	. NO. ATLANTIC	UNDERHATER, WOTTOM	SAND SWEEP. 2.0 YRS		4	e Pero todas te par a
54 55 58 57 58			PRIMER; EPOXY,COAL T COAT2: EPOXY,COAL T COAT3: BITUMENOUS COAT4: A.F., ROSIN	AR AR SOAP, COPPER	6.0 MILS 6.0 MILS 3.0 MILS	*CORKOSION: *COATING FAILURE: GENERAL APPEARANCE; *FOULING TYPE FOULING:	10% 25% 6000 25% GRASS
60	DRY. CARGO	NO. ATLANTIC	UNDERWATER BOTTOM.	SSBC = SRT6 . UK YRS			• • ··
67 63 64 *5	Anna merika		PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: ANTIFOULING, COAT4: ANTIFOULING,	OTHER	1.5 MILS 1.5 MILS 2.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEABANCE; FOULING TYPE FOULING:	25% 25% FAIR 25% SHELL

Ç	AREA; UNDE	RWATER BUTTUM	SHIPS PAINIS/CUATINGS PERFURMANCE SU	ММАКУ	10/14///
!	TYPE'	TRADE ROUTE		FILM SHIP PERFORMANCE THICK. AGE EVALUATION	
			PRIMER: BITUMENOUS COATZ: BITUMENOUS COATZ: BITUMENOUS COATZ: ANTIFOULING. OTHER		25% 25% I. FAIR. 25% SHELL
2	DRY CARGO.	NO. ATLANTIC.	UNDERWATER BOTTOM SSPC-SB-6 UK YBS		
2 2 2 2 2	2 1 1 4 4 4 6		PRIMER; BITUMENOUS COATS: BITUMENOUS COATS: ANTIFOULING, OTHER	2.0 MILS %CORROSION: 2.0 MILS %COATING FAILURE: 2.0 MILS GENERAL APPEARANCE: 2.0 MILS GENERAL APPEARANCE: TYPE FOULING:	25% 25% FAIR 25% SHELL
;	TANKED	NO ATLANTEC	UNDERWATER BOTTOM . SSPC-SP-6 UK YRS PRIMER; CHLORINATED RUBBER COAT2: ANTIFOULING, OTHER		
3	: TAKIVED	AICH ATLANTEC	HNDCDUATED BUTTOM		
3 4 4			PRIMER; BITUMENOUS COAT2: BITUMENOUS COAT3: ANTIFOULING, OTHER CDAT4: ANTIFOULING, CHECKIN, RUB. ORGANOMET.	2.0 MILS %CORROSION; 2.0 MILS %COATING FAILURE: 2.0 MILS GENERAL APPEARANCE; 3.0 MILS %FOULING TYPE FOULING:	25% 25% GDOD 25% SHELL
	TANKER	SOUTH PACIFIC	UNDERWATER BOTTOM SSPC-SP-1Q U.K. YRS PRIMER: EPDXY.POLYAMIDE COAT2: EPDXY.POLYAMIDE COAT3: EPOXY.POLYAMIDE COAT4;	2.0 MILS %CORROSION: 4.0 MILS %COATING FAILURE: 2.0 MILS GENERAL APPEARANCE: MILS %FOULING TYPE FOULING:	
5 5 5 5 5 5 5	TANKER	NO. ATLANTIC SO. ATLANTIC	UNDERWATER BUTTOM \$\$PG-\$P-5 2 YR\$ PRIMER: CHLORINATED RUBBER COAT2: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER COAT4: ANTIFOULING, CHLORIN, RUB. ORGANOMET.	02	
61 6 6 6	SMALL CRAFT	NU. ATLANTIC	UNDERWATER BOTTOM SSPC-SP-10 1,0 YRS PRIMER; EPDXY, POLYAMIDE COAT2: BITUMENOUS COAT4: BITUMENOUS COAT4: ANTIFOULING, COLD PLASTIC COAT5: ANTIFOULING, COLD PLASTIC	8.0 MILS %CORROSION: 2.0 MILS %COATING FAILURE: 2.0 MILS GENERAL APPEARANCE; 5.0 MILS %FOULING; 5.0 MILS TYPE FOULING;	254

OF SHIP	TRADE ROUTE	AR	FA/SYSTEM	SURFACE SYS PREPARATION A SSPC-SP-6 UK	TEM FILM GE THICK.	SHIP PER AGE EV	FORMANCE ALUATION	
Legent top and com-	there programs are an arranged to the contract of the contract	PRIMER: A	NTI FOUL ING , VINY	L ORGANDMETALIC	2.0 MIL MIL Lineauxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	S %CORROSI S %COATING GENERAL FOULING	ON: FAILURE: ARREARANCE:	25% 25% FAIR
SMALLE CRAFT	riind IV at Eanth Comaille Chomas	COMMUNDERWATE ECEMPRIMER: CE	RBOTTOMXXXXXXX POXY•POLYANIDES	SSEC≒SR±10UK	YRS 2.0 MIL	S #CORROSI		estadesta OX
Park Charles Hickory	and the second s		the comment of the said of			TYPE FOUL	ADDEARANCEA	EATR :
ing and val December		PRIMER: C	HLORINATED BUBB NTTFOULING OTHE		4.0 MIL 4.0 MIL	S *CORKOSI S *COATING S *COATING FOULING TYPE FOU	UN: FAILURE: ABBE ARANCE E: LING:	5% 25% EAIREM 10% CONG.
·				ER ER ER ER Y COPPER				5% 25% FAIR 25% GRASS
				ER/ORGANDHETALIC		S *CORROSI S *COATING S COATING FOULING TYPE FOU		0% 25% 6000 25% 6RASS
		DOINED: E	ROBOTTOM PORT OF THE BENEFIT OF THE	SSRC BBRA MILLUK	20 MIL	S *CORRUSIO S *COATING S GENERAL	ON: FAILURE: ARBEARANCE: LING;	25%
				SSACESRE10UK		a y jakor, 195 gr Haran kalandora sa aka malah	and a diameter described to	. Lakinikali

SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY AREA: UNDERWATER HOTTOM. AREA/SYSIEM SULFACE SYSIEM FILM SHIP	PERFORMANCE EVALUATION	
TYPE TRADE AREA/SYSIEM SULFACE SYSTEM FILM SHIP OF SHIP ROUTE PREPARATION AGE THICK. AGE		·. '
12. TANKER J NORTH SEA UNDERWATER BETTOM JUREAL H. R. WASHA 1 YRS WASHA	MANUAL MANGER RROSION:	31. Electricae
COATE: A.F., BUSIN SCAP, COPPER 2.0 MILS 3CO	ATING FAILURE: ERAL ABHEARANC ULING E FOULING:	E12GOODASVA SEIME
O JORY CARGO THO TATLANTIC ETUNDERWATER BOTTOM STANDARD HARA WASH FROM LYRS FRANCE TO THE STANDARD STA	STUBBLE STATES	51361 T-1 MILLION .
RUSIN SOAP COPPER TO THE STORY OF THE STORY	ATING FAILURE: ERAL: APPEARANC ULING E FOULING:	EIE GOOD MEE
27 SMALL CRAFT MEDITERRANEAN UNDERWATER BOTTOM CHARLEMAN LWASH STANDLYRS COMMING TO MILS TO MILS TO	ZAMANDAUCENTANIA RROSION:	1 3
NORTH SEA PRIMER: DITUMENDUS 3.0 MILS 3CO MILS 3C	ATING FAILURE: ERAL ARBEARANC ULING E FOULING:	EW FAIRWARD
15 16 ADRY CARGO NO. TATLANTICE UNDERWATER BOTTOM SERVED HIR WASHES AND HEAVE HAVE SERVED HER SECOND SU. ATLANTIC PRIMER: BITUMENOUS 2.0 MILS 8CO	NASHE TO LEAD TO THE SECOND SE	770111 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
TITUTINI A PERSTAN GULET COATA: A LEVERUSINES CORRER REPRESENTATION DE LA CORRESPONDA DE LA CORRER REPRESENTATION DE LA CORRER REPRESENTATION DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DEL CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DEL CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DEL CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DEL CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE LA CORRESPONDA DE L	ÀTTNG FAILURE: ERAU APREARANC ULING E FOULING:	ECLES INTERVI
4 SMALL CRAFT NOT ATLANTIC LUNDERWATER BOTTOM THE HARLEMASH TYRS	windi ito and alta di	13
GRATE: ATTUMENRUS.	ATING FAILURE: ERAL ARREARANC ULING E FOULING:	257 ELMEATRHEIM 257 GRASS
51 52 DRY CARGO MISO. CHINA SEASUNDERWATER BOTTOM MASH MASH MASH MASH MASH MASH MASH MAS		12
GOATZ: BITUMENOUS SEED ROSES R	ATING FÄILURE: EBAL ABBEARANG ULING E FOULING:	
TYP ONAVY SOUTH PACIFIC UNDERWATER BOTTOM SERVES SEC-SE-LOW-YUK YES SOUTH PACIFIC UNDERWATER BOTTOM SERVES SERVES SEC-SE-LOW-YUK YES SOUTH PACIFIC UNDERWATER BOTTOM SERVES SERV	The transfer of the second	

	OFF SHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY 10/14/78
þ,	SHIPS PAINTS/CONTINGS PERFORMANCE SUMMARY AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE OF SHIP ROUTE AREA/SYSTEM PREPARATION AGE THICK. AGE EVALUATION
	NAVY I I SOUTH PACIFIC UNDERWATER BOTTOM AND ASSECTS RELO 3.0 YRS AND ASSECTABLE RESERVED FOR A SECOND STATE OF A LURE 25 TO ALL SECONTING FAILURE 25 TO ALL SECONTING FAI
1 1 2 2 2	COATA: ANTIFOULING, VINYL, COPPER 2.0 MILS TOULING 25% COATS: ANTIFOULING, VINYL, COPPER 2.0 MILS TYPE FOULING: SHELL CONTAINER NO. ATLANTIC UNDERWATER BOTTOM 2.2 SRC-S9-10.2 UKLYRS 2.2 MILS TYPE FOULING: SHELL CONTAINER 2.0 MILS TYPE FOULING: SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2.2 MILS TYPE SHELL CONTAINER 2
2 2 2	25% COATE BITUMENOUS 200 MILS CORROSION: 25% 25% 200 MILS CORROSION: 25% 25% 200 MILS COATING FAILURE: 25% 25% 200 MILS COATING FAILURE: 25% 25% 200 MILS COATING FAILURE: 25% 25% 200 MILS COATING FAILURE: 25% 25% 200 MILS GENERAL ARPEARANCE TO FAIR 200 MILS GENERAL ARPEARANCE TO FA
2 2 3 3	TANKER LIT NOTIATION TICHTUNDER WATER BOTTOM MAINENEN AND AND AND AND AND AND AND AND AND AN
+ 3 3 3 3 3	COAT4: BITUMENOUS 1.5 MILS REGULING SHELL: TANKER 1981 NOT LATEANTICE UNDERWATER, BOTTOM 122 LANS SPC SER 6 122 LAYER 22 YRS LATE 122 LANS LATE 122 LANS LANS LANS LANS LANS LANS LANS LANS
3 4 4	CARIBBEAN PRIMER: CHLORINATED RUBBER MEDITERRANEAN COATZ: CHLORINATED RUBBER MEDITERRANEAN COATZ: CHLORINATED RUBBER MEDITERRANEAN COATZ: CHLORINATED RUBBER MEDITERRANEAN COATZ: CHLORINATED RUBBER TYPE FOULING:
4 4 4	DBO WILLIAM NO. ATLANTICE UNDERWATER BOTTOM ME ANALYMAN HE WASH MO.75 YRS ME TO THE STATE OF THE STATE OF THE SOUTH OF THE STATE OF THE SOUTH OF THE
55 55 55	#FOULING 50% TYPE FOULING: COMB. TRIU K 1/2 1/2 2/3 WORLD WIDE WITE BOTTOM 1/2 2/3/8/8/12/8/8/WASH 3/2/5 YRS 2/3/2/3/2/3/3/3/2/3/2/3/3/3/3/3/3/3/3/3
5: 5: 5: 5: 5: 5:	PRIMER: EPOXY.COAL TAR COATS: EPOXY.POLYAMIDE COATS: ANTIFOULING, EPOXY, CORPERIMANCE: 50% COATS: ANTIFOULING, EPOXY, CORPERIMANCE: FAIR OF TYPE FOULING:
SI	BULK NO. ATLANTIC UNDERWATER BOTTOM

3	The state of the s	• × × • • • • • • • • • • • • • • • • •	* 1551155 (W)	rèuga e Tèg	UWER SYSTEMS / TYNGS PERFORMAI	44 ii `A O . *	w.,.,		e con	en serianimentarion	and the first of t	CHRIST CALL
5	AREA: UNDERWATER BOTTOM		SHIPS PA	INTSZCOA	TINGS PERFORMAI	NCE SUMM	IARY	• • •		المراجع والما	-40 S.M.	10714/78
' 8 8	OF SHIP ROUTE		APEA/SYSTE	im ` "	SURFACE S'	YSTEM AGE	THIC	м К•	SHIP AGE	PERFORMA EVALUAT	NCE ION	
11	BULK NO. ATLANTIC	UNDERWA	TER BOTTON		H.R. WASH 0.		•	. 9 2 34	e e ek ti		12 1 1 195	1 4 5 4 1
14	MEDITERRANEAN	COAYA	WASH PRIM	1ER JŞ	n	* •	0.5	MILS	XCOA I	OSION: ING EALL	URE:	5% 50%
17	Account on the series when it can be considered and the series of the se	COAT4:	BITUMENOL	IS ING.COPPI	ER/QRGANQMETAL	i i androninal IG , , , ,	2.0	MIL 2	% FOUL	IAL APPEA ING FOULING:		50% SHELL
19 20 21	BARGELL LUNKNOWN (L	UNDERWA	TER BOTTUN	1 3,222	SSRC #SB #6 in I	UK YRS 🛆	ر. بر د کمنځو د		i. 1 g ; Insuranasia s cost	the the	การ สาราสาราสาราสาราสาราสาราสาราสาราสาราส	and the state of
22		Ω'PRIMER; ω CPAT2;	ANT I FOUL	is Ingléthei	B. was never to eve the server	is the same of the same	1.5	MILS	#CORP #G∏A]	OSTON: ING EALL	VRE:	50%
25 26	fabricanic minimizer six territoris citibes "com", informacional monaco.	received the second of the sec	en er eta virtee (). () See en er eta virtee (). ()	40 x 20 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	kana Taribik dikim wanton ikuwa aktobi ki wiki k en angan masa na angan katika angan	and from Palle the last from a series to the	ه پاکنید کند. ای	ر در در در در در در در در در در در در در	Z FOUL TYPE	ING FOULING:	KANLE I	SON GRASS
27 28 24	TANKER MINISOUTH PACIFIC	"UNDERWA	TERLBOTTON	a leaves	s secuspadoret	O YRE		artorandada Generalista	iver Tu	na and an are		
38 31	NORTH PACIFIC	PRIMERI COATZ:	EPOXY ROL	YAMIDE:	and the subject of the second subject of the	i 1 1-2 - Frito School	2.0	MILS	*CORP	OSION: ING EALL	URE:	50%
+ 33 34		CUAT4	ANTIFOUL	NGTATHE	ert Bedritz, a erthfaire sand as an ealleis an stellate. Benefic en en en en en en en en en en en en en	hadi satu Tari ila dukat	2.0	MILS	TYPE	ING FOULING:	K AIVL E E	50% COMB.
35 36	ETANKER SOUTH PACIFIC											
38 38	NORTH PACIFIC		EROXY POL	YAMIDE	e de la composición del composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la compos	· · · · · · · · · · · · · · · · · · ·	2.0	MILS MILS	%CORF %CΩAI	USIUN; ING FAIL ALLARPEA	URE:	50% 50%
40 41 42	A secretary the second	COAT4;	ANTIFOUL	NGTEPOX	Y. COPPER	it allocated to be a line	2.0	MILS. MILS	ZFOUL TYPE	AL.APPEA ING FOULING:	RANCE	50 %
43	BARGE NO LATLANTIC	UNDER WA					, , , , , , , , , , , , , , , , , , ,	الماريات في الماريات في	o de escripto.	Ministration 2. La		nemicrialis:
45 47	and the second s	PRIMER:	EPOXY POL	YAMIDE		, , , , , , , , , , , , , , , , , , ,	2.0	MILS MILS	#CORR	OSTON: ING FAIL	URE:	17 50%
48 49 50	kinantenues sur em ausant in ausantentes no desir a frataus praticular (d. sa i tè s	stras a la fisione ca	n e e e e e e e e e e e e e e e e e e e	i is a standardidi	dan bibadikalisak baba labi ai dadkara	managas d'abasticativativa	4 .00		てもりいし	ALLARPEA ING FOULING:		SEXCELLS: 50% GRASS
51 52	SMALL CRAFT NO. ATLANTIC	UNDER WA	TER BUTTOM	مُنْکُس مِنْکُر سِنْکَ مِ الْکُ	.ssec=se=10_1.7	75YBS (ى رە سادىدە ئىسىر	Sug 19	programa in a significant de la constantia de la constantia de la constantia de la constantia de la constantia	to the second se	al delle	A State of Local State of the S
54 55		PRIMER:	WASH PRIM BILUMENOW	IER			0.5	MILS	ሄርበRR <u>ሄርበA</u> T	OSTON:	URE:	50% 50%
56 57 58	77, 74, 75, 77, 74, 75, 75, 75, 75, 75, 75, 75, 75, 75, 75	COATA: COATA: CUATA:	.BITUMENOU BITUMENOU ANTIFOULT	IS. Like welle IS NG • C OPPE	eminista de la la la la la la la la la la la la la	a ana manana Filika I C	2.0	MILS. MILS MILS	∴GENER %FUUL TYPE	AL APPEA ING FOULING:	RANCE .	SPOOR.ALSE
59	BARGE UNKNOWN	UNDERWA	TER BOTTOM	,	SSRC=SR=6.L.L	IKYRS	e a separa	i ganta da da da da da da da da da da da da da	y se Juladis di mass	7)		ر رىندە ئاسىرىي ئىسىدۇ قاشىرىي
62	!	PRIMER:	ALKYD	·~ · · · · · · · · · · · · · · · · · ·		•	2.0	WILZ	#CORR	ดั่รโดหีเ	-	25%

AREA: UNDERWATER HOTTOM	ARFA/SYSTEM SURFACE SY PREPARATION	CE SUMMARY STEM FILM SHIP PERFÜRMA AGE THICK. AGE EVALUA	10/14/T
PRIMER COATS:	ATER BOTTOM AND SSPC-SP-101.2. EPOXY, COAL TAR EPOXY, COAL TAR A.E. ROSIN SOAP, COPPER	O YRS 6.0 MILS &CORROSION: 6.0 MILS &COATING FALL 2.0 MILS GENERAL APPREA 2.0 MILS &FOULING TYPE FOULING:	URE: 50% RANCE: GOOD S 50% SLIME
ATANKERSZEW SE NO ZZATLANTICZZUNOERW SZZLEGIZZZE SZZZZZEZZZEZZZZZZZZZZZZZZZZZZZZZZZ	ATER BOTTOM	2.0 MILS *CORROSION: 2.0 MILS *CORROSION: 2.0 MILS *CORROSION: 2.0 MILS *CORROSION: 2.0 MILS *CORROSION: 4.0 MILS *CORROSION: 7.0 MILS	URE: 50% RANGE11300RH COMB.
PRIMER COATA:	ANTI FOUL ING LOTHER	3.0 MILS *CORROSION: 3.0 MILS *CORROSION: 3.0 MILS *CORROSION: 4.0 MILS *CORROSION: 5.0 MILS *CORROSION: 4.0 MILS *CORROSION: 5.0 MILS	URF: 25% RANCELEAIRI GRASS
PRIMER COAT 2: COAT 3: COAT 4:	EPOXY.POLYAMIDE EPOXY.POLYAMIDE EPOXY.ROLYAMIDE ANTIFOULTNG,YINYL.COPPER	2.0 MILS *CORROSION: 3.0 MILS *COATING FAIL 2.0 MILS *CORROSION: 4.0 MIL	URE: 50% RANCE: ROOR 50MB.
TANKER SOLATIANTIC SUNDERWARD PRIMER GOATZ:	ATER BOTTOM SELECTION OF SELECT		URE: 15% RANCE: FAIRT COMB.
to the state of the section of the s	ATER HOTTOM THANKS SS BCHSR R6883.U BITUMENOUS BITUMENOUS THANKS THE THANKS SEEDEN	4.0 MILS *CORROSION: 4.0 MILS *COATING FAIL GENERAL APPEA FOULING TYPE FOULING:	COMB.
GULF OF MEX. PRIMERS	ATER' BOTTOME DESCRIPTION OF U.K. E POXY, COAL TAR ANT (FURLING QTHER	B.O MILS TO ORROSION: 1.5 MILS TO ORROSION:	50% URE: 50%

	entransport of many of more and the second second second section of the second	DEESTING POWER SYSTEMS / MARAIL	PAGE 33
\uparrow	AREA: UNDERWATER HOTTOM	OFFSHURE POWER SYSTEMS / MARAD SHIPS PAINTS/CCATINGS PERFURMANCE SUMMARY	PAGE 33 10/14/78
1	TRADE OF SHIP ROUTE	AREA/SYSTEM SURFACE SYSTEM FI	LM SHIP PERFORMANCE CK. AGE EVALUATION
1:	 		
1: 1:	PRIME COAT COAT	Principal Community Commun	MILS 3CORROSION: 10% MILS 3COATING FAILURE: 50% MILS GENERAL ARPEARANCE: FAIR
1: 1:	C OATS	BITUMENOUS 2.0 ANTIFOULING, COPPERYOR GANOMETALIC 2.0	MILS TYPE FOULING: GRASS
2		RWATER BOTTONIL AMERICALS SRCESREGING WAK . MYR SMALA	and a design of the control of the c
2:	PRIME COATS	P: FPOXY.POLYAMIDE 8.0	MILS TOURROSION: MILS T
21	COATE	;; GITUMENOUS ;; ANTIFOULING.COLD PLASTIC 5.0 ;; ANTIFOULING.COLD PLASTIC 5.0	MILS *FOULING: 50* MILS TYPE FOULING: 1.2. GRASS :
2:	TANKER NO. ATLANTIC UNDER	ANTIFOULING COLD PLASTIC 5.0 WATER BOTTOM \$\$PC-\$P-10 2,0 YRS	
1 32	PRIME COATS	EROXY, COAL YAR! ENDING THE TRANSPORTED AND 610	MILS WORRDSION: 50% MILS WORRDSION: 50% MILS WORRD APPEARANCE: POOR
36 35		ANTIFOULING VINYL ORGANOMETALIC 2.9	MILS TYPE FOULING: COMB
31			• • • • • • • • • • • • • • • • • • • •
39 46 41	CARIBBEAN PRIME COAT 2 COAT 3	R; CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER ANTIFOULING.COPPER/ORGANOMETALIC 2:0	MILS WCORROSION: MILS WCOATING FAILURE (文献 60年) 後継年 MILS GENERAL APPEARANCE: POOR
43 43	CONTAINER	WATER HOTTOM SSPC-SP-10 1.0 YRS	MILS REDULING 50% TYPE FOULING: GRASS
45 46	CONTAINER	WATER HOTTOM \$SPC-\$P-10 1.0 YRS	MELS RECORDESION.
41	PRIME COAT 2 COAT 3 COAT 4		MILS *COATING FAILURE: 100 50% (30.1) MILS GENERAL APPEARANCE: POOR MILS *FOULING 50%
51 52	British and the second second	to the transfer of the first the first the first the first the second of the first the	TYPE FOULING:
53 54	FISHING HO, ATLANTIC UNDER	WATER BUTTON SSPC-SP-6 1.0 YRS	MILC SCODBOCTOMA
56 57	Annual COATS	R; EPOXY, POLYAMIDE BOOK BOOK BOOK BOOK BOOK BOOK BOOK BOO	MILS *CORROSION: MILS *COATING FAILURE: 50* MILS GENERAL APPEARANCE: FAIR *FOULING 50* TYPE FOULING: SHELL
58 59 60	The second secon	The state of the s	TYPE FOULING: SHELL
61 62	TANKER SOUTH PACIFIC UNDER	WATER BUTTOM SSPC-SP-10 UK YRS	

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<u>'</u>	OFFSHORE POWER SYSTEMS / MARAD PAGE SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY 10/14	34 /78
	AREA: UNDERWATER BOTTOM TYPE TRADE AFFA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	:: []
12	DRY CARGO FAR EAST UNDERWATER BOTTOM AND HARAWASH 1 YRS 1 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	43274,
14	PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: 50% COATE: A,F., BUSIN SUAP, COPPER PRIMER: 50% COATE: A,F., BUSIN SUAP, COPPER PRIMER: 50% COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS PRIMER: BITUMENDUS COATE: A,F., BUSIN SUAP, COPPER PRIMER: BITUMENDUS PRIM	
) 16 11 11	TYPE FOULING:	
20	DRY/CARGO ILLINO I ATLANTIC ILLUNDERWATER, BOTTOM ILLIAMISIA, HARJAWASH ARABAR LINYRSIAMIZITET OG IT ITERATIONAL AND AND AND	Ludick
22	SO. ATLANTIC TERIMER: CHLORINATED RUBBER NORTH SEA TO COATS: CHLORINATED RUBBER NORTH SEA TO COATS: BITUMENOUS RUBBER COATS: BITUMENOUS RUBBER COATS: BITUMENOUS RUBBER COATS: A.F., ROSIN SOAP, GOPPER 2.0 MILS FOULING: SLIM	energy.
,		E
1 24	TORY CARGO C. NOT ATLANTICE UNDERWATER BOTTOM RELEASED TO WASH FEET TO THE STATE OF	FILTE
+ 33	SO. ATLANTIC PRIMER: BITUMENOUS	
34 35 36	CRUCKTEARTACTING. MATLANTICISMUNDERWATER BOTTOM MESSACRIEW HIRIT WASHINGS TO PRESENTED A CONTRACT OF THE SECRET SPECIAL PROPERTY SPECIAL PROPERTY OF THE SECRET SPECIAL PROPERTY OF THE SECRET SPECIAL PROPERTY SPECIAL P	• 23697
37 38 39	And the state of t	
40 41 42	SU. ATLANTIC PRIMER: BITUMENOUS CARIBBEAN GOAT?; A:F: ROSIN SOAP: COPPER 2:0 MILS *CORROSION: 50% CARIBBEAN GOAT?; A:F: ROSIN SOAP: COPPER 2:0 MILS *CORROSION: 50% FOULING FAILURE: 50% FOULING TYPE FOULING: SLIM	MYCES.
43 44 45	STANKER SOLATIANTIC TUNDERWATER BOTTOM TO THE HASHAME IN YRS	MALE.
46 47 48	PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: A.F., ROSIN SOAR, CORPER 122:0 MILS COREAL ARPEARANCE 182 FAIR	Garagoagos
49 50 51	REDULING 50% TYPE FOULING; COMB	
53		
54 55 56	COATZ: BITUAFNOUS 3.0 MILS *COATING FAILURE: 50%	TOW.
57 58 59	# FOUL ING 50% TYPE FOUL ING: SLIM	E,
60 61 62		ا المكانة ا
63	MEDITERRANEAN PRIMER: BITUMENOUS 3.0 MILS \$CORROSION: 50%	

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AREA: UNDERWATER BOTTUM	SHIPS PAINTS/COA	NWER SYSTEMS / MARAD TINGS PERFORMANCE SUM	MARY	PAGE 35 10/14/78
TYPE TRADE OF SHIP ROUTE	ARFAZSYSTEM	SURFACE SÝSTEM PREPARATION AGE	FILM SHIP THICK. AGE	PERFORMANCE EVALUATION
DBY CARGO NO. ATLANTICA				
CARIBBEAN	PRIMER: BITUMENOUS COATZ: BITUMENOUS COATZ: ALE. ROSIN SOAR	20 00000	4.0 MILS #CORE	FING FAILURE: 50%
1 1		Additional Section 183 HBDUC.	a i uui	TÀL TAPPEARANCE LA POOR SEC. TROULING:
LINAVY BEREICH LENDER LATERANTICE	UNDERHATER BUTTOM ACTIVITIES	AIS SPC#SR#10%PEUK!YRS	SCHOOL STANDARDS	uerasiosis areaterana.
NORTH PACIFIC	PRIMER: WASH PRIMER CHASTI	C C. Leading of the Control of the C	05 MILS CORF	ROSION: 18 IING FALLURE: 508
NAVY WORLD WIDE	CHAT4 A.C. CHLD PLASTI CHAT5 ANTIFOULING COLD	PLASTIC	17.5 MILS TYPE	FOULING: COMB.
NAVY WORLD HIDE	YNATAI UNDERNÄTER KOTTOM	ZGATNATA STATUTUK YRS	Alatania Succession	
1 2 y may y manager up a comment of the second of the seco	PRIMER: EPUXY UNE COMPONED RUBB	ER Lærselseggrænererer	2.0 MILS CORP	ROSION:
La Salaman de la casa	PRIMER: EPUXY UNE COMPON COATA: CHLORINATED RUBB COATA: CHLORINATED RUBB COATA: CHLORINATED RUBB	ĒR ER	2.0 MILS ZENEA 2.0 MILS ZEDUL	AL APPEARANCE: FAIR ING: 503
NAYY WORLD WIDE	ŲĶOĒRŅĀTFR BOTTOM	SSPC-SP-10 2.0 YRS	Megrupen verster.	
grit er en grafferen er op er er op er er er er er er er er er er er er er	PRIMER: WASH PRIMER	or experience and the comment	0.5 MILS YOUR	INSTAN:
1 2 3	COATA: VINYL COATA: VINYL COATA: ANTIFON,ING.VINY	L.COPPER	2.0 MILS GENER 2.0 MILS TYPE	TNG FAILUREIN 50 TO THE TAIL APPEARANCE: POOR 502 FOULING:
TANKER NORTH PACIFIC	COAT 61.2. ANT 1 FOUL 1 NG 6.9.1 NY. UNDERWATER BOTTOM	CICORDER VALANTAMENTALES SSPC-SP-10 1 YRS	ezio miesema el	
to the second of the second control of the second control of the second	PRIMER: EPDXY POLYAMIDE COATE: FPOXY OTHER COATE: ANTIFOULING POXY		ĸāyomatrāzādobb	OSION*CHASCAMAIS & TAMENA.
to the state of th	COATAL ANTIFOULING EPOX	Y & COPPER	2:0 MILS GENER	AL APPEARANCE: POOR INC. 50%
	UNDERWATER BOTTOM			HUULING! AMELEMEN SHELDME!
	RRIMER: EPANOL RHENOXY		ELVOLMIL'S TCORR	OSIONI TO STATE SOLUTION OF A STATE OF A STA
Section 1		L • CORPER Kundaran bandan bandan bandaran		TNG FAILURE: 50% AL APPEARANCE: POOR ING
TANKER NO. ATLANTIC		الله الله الله الله الله الله الله الله	ikis italian lukurum, ilukurisi III. I. il	Carall I And Adequiver Constitution (18).

AREA: UNDERWATER BOTTOM	SHIPS PAINTS/C	POWER SYSTEMS OATINGS PERFORI	MARAD MANCE SUMMARY	ar garing them	ellanin i mil in siya tira an	PAGE 36 10/14/78
AREA; UNDERWATER BOTTOM TYPE TRADE OF SHIP ROUTE TANKER NO. ATLANTIC UNDERWAL	AREA/SYSTEM	SURFACE PREPARATION	SYSTEM FILE	LM SHI	PERFORMANCE EVALUATION	kedid જોડિયાનો -
PRIMER: COAT3: COAT4;	CHLORINATED RU CHLORINATED RU CHLORINATED RU ANTIFOULING, CO	BBER BBER PPER/ORGANDMET	2.0 3.0 1.16	MILS %CC MILS %CC MILS GEN MILS %FI	RROSION: ATING FAILURE BERAL APBEARANI OLING E FOULING:	e in the room her an are his his
DRY CARGO AND NOT ATLANTICE UNDERWAY	CHLORINATED BU CHLORINATED BU ANTIFOULING, ER	BBER BBER UXV, ORGANOMETAI	2.0 102225	MILS 3CC MILS 3CC MILS 3GE TYP	RROSION: ATTNG FAILURE BERAL APPEARANG ULING E FOULING:	53 753 750 750 750 750 750 750 750 750 750 750
NORTH PACIFIC PRIMER: COATE: C	COOVY DOLVANTO	r .				75% 75% POOR 36 COMB.
GULF OF MEX - A PRIMER: COAT 2; COAT 3; COAT 4;	EPOXY, POLYAMIO EPOXY, POLYAMIO ANTIFUULING, EP	E XY,COPPER	2.0 4.0 2.5			
TANKER UNKNOWN UNDERWAT	RETUMEMOUS	e example of the second	2 0	MILS GEN	RROSION: ATING FAILURE: ERAL APPEARANC ULING E FOULING:	75% 75% 75% 75% 75% 75% 75% 75% 75% 75%
BARGELALLIGULE OF MEX. LUNDERWAT	ER BOTTOM 44.5 EPOXY.POLYAMID LPOXY.POLYAMID ANTIFOULING.EPO	E COPPERIO	2.6 YBS (7.7.2.2.2.6.4.4.2.4.2.2.2.2.2.2.2.2.2.2.2.2	MILS *CO MILS *CO MILS GEN	RROSION: ATING FAILURE: ERAL APPEARANC ULING	03 758 E + FAIR 20 752 SHELL

, 5	A CALL CONTRACTOR OF CONTRACTOR FOR CONTRACTOR OF CONTRACT	DEFSHER POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY	2233375323763237 PAGE 37
\uparrow	"WREW!" NUMBERMUTER BRITTIN	وكريا فالمعرر ويؤفي المهام والرفاق الأناس الإنجاب والمتاب الإنجاب المتاب الإنجاب المعرار ويترف والمتاب الإنجاب	
9 10	TYPE TRADE	AREA/SYSTEM SUFFACE SYSTEM FILM SHIP PERFORMAND PREPARATION AGE THICK. AGE EVALUATION	SE SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN
12		ATER BOTTOM SSPC#SP#6 . UK YRS 1	nation that had a
14 15 16 17	PRIMER COATS: COATS: COATS:	# HITUMENDUS BITUMENDUS BITUMENDUS ANTIFOULING, UTHER 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 1.0 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 1.0 MILS *CORROSION: 1.0 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 20 MILS *CORROSION: 30 MILS *CORROSION: 40 MILS *CO	75% 75% NCE to FAIR Market 50% COMB.
20	ITANKER COMMUNICATION OF THE UNDERWA	ATER BOTTOM (1) Mass on SSRCESPEANMENTUK (YRS) Mize mastik zelizik (11.11.11.11.11.11.11.11.11.11.11.11.11.	nder die bilde die des die die
22 23 24 25 26	LOATS: COATS: COATS: COATS:	2.0 MILS *CORROSION: NITUMENOUS BITUMENOUS B	25% NCE: FAIR AND 25% COMB.
28 29	4	ATER BOTTOM A ERRATE SSECRSB #10 Ter 10 Jyrske by 1921 Professional Control of the Control of th	
30 31 32 33 34	PRIMER	ERDXY, POLYAMIDE ANTIFOUL ING, GOPPEBLOR GANOMETALIC 2, 2 MILS, 3COATING FAILUR ARPEABA FOULING TYPE FOULING:	NČE 12 PODRZEM COMB.
35 36	LENGTH STATE OF A STATE OF THE	ATER BOTTOM MANUELANIAN S'SRCWSR#10161/11. YRSMA AMANANINAN MANUEL AND MANUEL	
38 38 40 41 42	ASSESSED AND A SECOND OF THE PROPERTY OF THE P	EPOXY.ONE COMPONENT BITUMENOUS BI	L 13 T T T T T T T T T T T T T T T T T T
44 45	ISMALLICRAFTING. LATEANTICELUNGERWA	ATER BOTTOM OF THE WASHERED AND YRSEN OF THE PROPERTY OF THE P	
45 47 48 49 58	LETTER TO THE SAME STATE OF THE COATS!	BITUMENDUS BITUMENDUS BITUMENDUS 3.0 MILS **CORROSION: 3.0 MILS **CORTOSION: 3.0 MILS **	Fincer yn sat wa.
52 53			destination in the
54 55 56 57 58	ETACO ATTACO	A.F., RUSIN SOAP, COPPER 1.5 MILS #CORROSION: A.F., RUSIN SOAP, COPPER 1.5 MILS #FOULING;	
61 62 63 64 65		ATER AOTTOM	753 F. 753 NCE: FAIR: 507
67 68		The property of the second sec	

	PAGE 14/78
UATION	
: Allure: Pearance NG:	1 % 75% POOR COMB.
ALLURE: PEARANCE VG:	TINSAT.
AILUREI PEARANCE	901 901 UNSAT,
ILURE I	
TLURETE EARANCE	90%
IL'URETE EARANCE	0% 90% • POOR 90%

	AKEA: UNNERWATER BOTTOM	SHIPS PAINTS/Co	DATINGS PERFORMANCE SUI	MMARY .		PAGE 38 10/14/78
, ; ; ()	TYPE TRADE ' OF SHIP.,ROUTE.'	AR EA/SYSTEM	SÜRFACE SYSTEM PREPARATION AGE	FILM S THICK.	HIP PERFORMANCE AGE EVALUATION	Control of the Contro
	LITANKERNORTH . PACIFIC			· · · · · · · · · · · · · · · · · · ·	AND THE PROPERTY OF THE PARTY O	Machinestrus
10	ACMORPHICA CONTROL OF THE	PRIMER: EPOXY, POLYAMIDE .COAT2: EPOXY, POLYAMIDE .COAT3: EROXY, ROLYAMIDE .COAT4: BITUMENOUS	E Bahn steineach - Briton Doministerach - Cearl	SES MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANC *FOULING TYPE FOULING:	E1: POOR SALE
20	NORTH PAGIFIC	COATA: ANTIFOULING EPI	IXY COPPEB	1.5 MILS	TYPE FUULING:	CUMB.
21	NAYY NORTH PACIFIC	UNDERWATER POTTOM	SSPC-SP-19 3.0 YRS	2 0 447. 6	, γ,	i
25		COATA: EBOXY ROLYANIDE COATA: ANTIFOULING, VIN	YALIGA YA AMAMASIMIWAKE NYLICOPPER	A SOMILS	ACORKUS IUNI ZCDAIING: FAILURE: GENERAL APPEARANC ZFOUL ING TYPE FOUL ING:	E: UNSAT
1 21	SMALL CRAFT GULF OF MEX,		3,0 YRS	Magazza		
31 31		"adenes" i di autori an encari	The second secon	2. 2. MIF \$ a	#CORROSION:	904
31 34 35 35	BULK MUSED MIDE	COATA YARNISH ING. COL	D PLASTIC	5.0 MILS 5.0 MILS	GENERAL APPEARANC FOULING TYPE FOULING	E: UNSAT,
31	BRICK MUSED ATDE	UNDERWATER BOTTOM	SSPC-SP-10 U.K. YRS	Mirke hike districtions sin Kindin		
48 41 42 42		COATA: EROXY ENCYAMIDE	engers ency en bestanding en encept	2.5 MILS	COATING FAILURE'S CENERAL APPEARANC FOULING	SHELL
45	CONTAINER NO. ATLANTIC	UNDERWATER BOTTOM	1,0 YR\$			
47 48 49 50 51		PRIMER: CHLORINATED RUB	BER BER BER PER/ORGANOMETALIC	"2.0 MILS	CORROSION:	10% 90% E; POOR 90% GRASS
53 54	SMALL CRAFT NORTH PACIFIC		SSPC-SP-IU U.K. YRS	manufille shi ne ka landa la		
55 56 57 58 59		PRIMER: WASH PRIMER COATS: BITUMENOUS COATS: BITUMENOUS COATS: BITUMENOUS COATS: ANITOULING. YIN	METATOMS FRAMERIALS FOR	0.5 MILS 2.0 MILS 2.0 MILS 1.5 MILS	&CORROSION: #CDATING FAILURE: GENERAL APPEARANCI #FOULING TYPE FOULING:	0% 90% F; POOR 90% COMB.
61	TANKER NO. ATLANTIC	UNDERWATER HOTTOM	\$\$PC-\$P-10 1 YRS	aleta Lauret aren arenalista eraka	to the second and the first of the second se	
63 64 75 66 67		PRIMER: ZINC, ORGANIC COATZ: CHLORINATED RUB COATZ: CHLORINATED RUB COATZ: CHLORINATED RUB COATZ: CHLORINATED RUB COATZ: ANTIFONI NG. CHC	DER 1500 TO THE TOP GANOMET."	MILLS SECTION AND ADDRESS OF THE PROPERTY OF T	CORROSION: COATING FAILURES ENERAL APPEARANCI FOULING TYPE FUULING;	03 202 FAIR 902 SLIME

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SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

,AREA: UNDERWATER BOTTOM	SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY	10714/78
TYPE TRADE OF SHIP ROUTE	ARFA/SYSTEM SUFFACE SYSTEM FILM SHIP PERI	FORMANCE NLUATION
CRY CARGO NO. ATLANTIC UNDER	RHATER BOTTOM SSPC-S8-6 1.9 YRS 1000000000000000000000000000000000000	10 · 10 · 10 · 10 · 10 · 10 · 10 · 10 ·
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		ING: GRASS
	RWATER BOTTOM :	•
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33 14	TYPE FOULTNE	ING: SHELL
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PRIME COATS 0 1711 7 22 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1	R: BITUMENOUS 4.0 MILS *CORROSIO 3.0 MILS *CORROSIO	PAILURE: 100%
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<u>)</u> ,	ÁREA: UNDERWATER BOTTOM	SHIPS PAINTS/CO	POWER SYSTEMS / MARAD ATTNGS PERFORMANCE SU	MMARY	r defent i er i i deski i unk iprim prik i iprim erdune/di un kan un i i	PAGE 41 10714/78
' (!	TYPE TRADE OE SHIP. ROUTE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	STITP PERFORMA AGE EVALUAT	ANCE
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	g need et e e grenge ge ee	ale a See - er e e e e e e e e e e e e e e e e	PRIMER; COATS; COATS; COAT4;	ZINC, INORG EPDXY, POLY LEROXY, ROLY ALKYP	SANIC, PO 'ANI DE 'ANI DE EL	ST CURE		3.3.8 M	IIS ZEGI	TING FAI	•	XCELLY:
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9 10 11	OF SHIP	TRADE	// 4-	AREAZŜYSTEM						PERFORMANI EVALUATII	
12 13 14 15 16 17 18	A CONTRACTOR OF THE CONTRACTOR	TO SET TO THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE TOTAL SET OF THE T	PRIMER: COAT2: COAT4: COAT5:	CHLUR INATED CHLOR INATED CHLOR INATED CHLOR INATED CHLOR INATED	RUBBER RUBBER RUBBER RUBBER	· · · · ·	nesta la femanación	3.0 MII	S &CORR S &COAT S GENER S TYPE	ING FOUL ING:	NE: 0% ANCEL EXCELL. 0%
20 21 22 23 24 25 26 27	Parking and a state of the first of the firs	WORLD WIDE LAST	PRIMER; CDAT2; COAT3; CCAT4;	VINYL ACRYL VINYL ACRYL VINYL ACRYL VINYL ACRYL	C	asam 10/m/ a haranan	15YRS	3.0 MII 3.0 MII 3.0 MII	S. GENER S. GENER S. GENER S. GENER S. GENER S. GENER S. TYPE	OSION: ING FAILUP AL APPEAR ING FOULING:	OZ NČET EXCELLA
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36; 37 38 39 40, 41	•	UNKNOWN	PRIMER: CCAL2: COAT3:		RUBBER RUBBER RUBBER				S #CORR S #COAT S #COAT		P. CH. EXCELL.
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52 53 54 55 56 57	Bulkallviil Kirlig	UNKNOWN :	BOUTTOP. PRIMER:	ALKYD PHENOL	IC HERE	IMASH ACTUAL	I LYRS LL	سیند ند شد 2.0 MIL	S %CORRIS SCOAT	ZZZZ III (SQ Oston:	OZ OZ NČB: EXCELL.
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67 68	•			. • >	• •	t* 11 × ;		*.		UNICE TO THE	

1	OFF SHORE POWER SYSTEMS / NARAD PAGE 44 SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY 10/14/78	4
\ 	AREA; BOUTTOP TRADE AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	
1 1: 1 1: 1 1: 1 1:	BULK UNKNOWN BOOTT OR PRIMER: EPOXY, ESTER 1.5 MILS % CORROSION: 03 COATS: EPOXY, ESTER 1.5 MILS % COATING FAILURE: 03 COATS: EROXY, ESTER 1.5 MILS % COATING FAILURE: 03 COATS: EROXY, ESTER FOR COATS: EROXY, ESTER FOR COATS: EROXY, ESTER FOR COATS: EROXY, ESTER FOR COATS: EROXY, ESTER FOR COATS: COATS: EROXY, ESTER FOR COATS: EROXY, ESTER FOR COATS: ALKYD PHENOLIC 1.5 MILS % COATS: TYPE FOULING:	2
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4 4	CABIBBEAN PRIMER: BITUMENOUS 3.0 MILS *CORROSIUN: 0* COAT 2: DITUMENOUS 3.0 MILS *COAT ING FAILURE: 0* COAT 4: A, F., ROSIN SOAP, COPPER 1.5 MILS *COULING: 0* TYPE FOULING: 0*	ar act
5 5	BULK TITATION ATLANTIC BROTTON STATE INCREMANCE OTHER	ž
5	COATA: EPDXY; POLYAMIDE 2.0 MILS GENERAL TARREAR ANCELE GOODTEE.	
6	A F MILE MONDOCTON	- }
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);	AREA: BOO	TTOP.				NGS PERFORM					10/14/7
10	TYPE OF SHIP	TRADE ROUTE	•	AREA/SYSTEM							NCE TON
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TYPE OF SHIP	TRADE	o i vivina una sobile	ÄREA/SÝSTEM T	SURFACE PREPARATIO	SYSTEM"	FILM THICK.	SHIP P	ERFÖRMANCE EVALUATION	1 1 4 1 4 1 4 1 1 4 1 1 1 1 1 1 1 1 1 1
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ABEA: BOOTTOP	SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY	PAGE 47 10/14/78
TYPE TRADE 10 OF SHIP ROUTE	SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY AREA/SYSTEM SURFACE SYSTEM FILM SILP PREPARATION AGE THICK. AGE	PERFORMANCE EVALUATION
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55 Interest to the CPATS I	TYPE	TING FAILURE: IX RAL APPEARANCEX EXCELLA LING FOULING:
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5	5 6 7 ARFA: ROOTTOP	OFFSHCKE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY 10	GE 48 0/14/78
]	TYPE TRADE OF SHIP ROUTE	AREA/SYSIEM SURFACE SYSTEM FILM SHIP PERFORMANCE BREPAKATION AGE THICK. AGE EVALUATION	Tankanan lah Makanya Per
13 14 15 16 17 17		PRIMER: EPOXY, OTHER GOATS: EPOXY, POLYAMINE PRIMER: B.O MILS *CORROSION: PRIMER: B.O MILS *CORROSION: PRIMER: B.O MILS *CORROSION: PRIMER: POXY, POLYAMINE FOULING: TYPE FOULING:	GRASS
21 22 23 24 24 21	•	PRIMER: EPOXY, ROLYAMIDE B.O MILS *CORROSION: CGATZ: ANTIFOULING COPPER/ORGANOMETALIC 2.5 MILS *COATING FAILURE: FOULING FOULING:	DE COMPANY COM
21 21 21 31 31 31	ABARGEMA MACIEI	ANTIFOULING FOXY COPPER 25 MILS TOTAL TOTAL TO THE TOTAL TOT	53 52 EXCELUS
34 35 36 31 31 46		TYPE FOULING: IC BOOTTOR: EPOXY, POLYAMIDE COATZ: ANTIFOULING, EPCXY, COPPER COATZ: ANTIFOULING, EPCXY, COPPER COATZ: ANTIFOULING, EPCXY, COPPER	COMB.
42 - 43 - 44 - 41 - 41	5	TYPE FOULING: IC.BOUTTOBELE INC. INDRGANIC OTHER COATS: EPOXY POLYAMIDE LUCIOATS: EPOXY POLYAMIDE LUCIOATS: EROXY ROLYAMIDE LUCIOATS: EROXY ROLYAMIDE	COMB.
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61 61 61	NORTH PACIFI	COAT2: ANTIFOULING, VINYE, COBRER MANAGEMENT 1.5 MILS *CORROSION: GENERAL APPEARANCE: FOULING TYPE FOULING;	5% 5% (½,) 6000 0%

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10	TYPE TRADE OF SHIP ROUTE	SHIBS PAINTS/COATINGS PERFORMANCE SUMMARY AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	The second secon
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16	COATA:	CHLORINATED RUBBER CHLORINATED RUBBER ANTIFOULING. OTHER ANTIFOULING, OTHER ANTIFOULING, OTHER TYPE FOULING:	el gods
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22 23 24	imanes eta en marcharaga mere EBAFFI	ZING.INORGANIC.OTHER 3.0 MILS *CORROSION: EPOXY:POLYAMIDE // FAILURE: EROXY:POLYAMIDE // FAILURE: EROXY:POLYAMIDE // FAILURE:	5% 5% 5%
25 26 27	The second secon	*FOULING: TYPE FOULING:	03
29 30 31	PRIMERI	ZINC. INDRGANIC. OTHER	13
+ 32 33 34	and the second of the second of the second s	EPOXY: POLYAMINE APPEARANCE	STIME
35 36 37		A. III A. P. L. Essand Charles Shalo Lawrence and Charles Control of the Control	
38 39 40	PRIMER:	FPOXY OTHER TANK AND ARREST TO THE STATE OF	10% 5000##%.
41 42 43 44		#FOULING TYPE FOULING:	SLINE
45 46 47	•	EPOXY POLYAMIDE ANTIFOUL ING COPPER/ORGANIMETALIS ANTIFOUL ING COPPER/ORGANIMETALIS 2.5 MILS COATING FAILURE: GENERAL APPEARANCE	0%
49 49 50	referentialist for the military of the first of the second second and the second secon	FOULING:	EXCELL. GRASS
52 53	EDRY CARGO NO. ATLANTIC BOOTTOP.	the second secon	Maria de Maria de de la constante de la consta
55 56 51	The series in the control of the series of t	EPOXY, PULYAMIRE 9.0 MILS &COATING FAILURE:	5% 5% cell.
58 59		FOULING: TYPE FOULING:	COMB.
61 62 63		ZINC.INORGANIC.OTHER 3.0 MILS &CORROSION: EPOXY POLYAMIDE EROXY POLYAMIDE EROXY POLYAMIDE	
65 66 67		EPOXY; POLYANIQE ARREARANCE FOULING:	1 GOOD 1882
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(AREA: , NOOTTOP	OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY	
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21	TYPE FOULIN	
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CARTBREAN PRIMERI NORTH SEA	FPOXY FSTER FPOXY FSTER FPOXY FSTER ALKYO T STER FOULING TYPE FOULING	ILURE: 5% EARANCE: 5000 %
61 62 PRIMER4 63 CUAT2:	ALKYD PHENOLIC 1.5 MILS **COATING FA MILS **COATING FA GENERAL APP **TOULING TOUTH THE TOUTH TH	5 % TURE: 5%
16 1.7 · · · · · · · · · · · · · · · · · · ·	GENERAL APP FOULING TYPE FOULIN	G:

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1 12 12	DRY CARGO NORTH SEA 11.17 BOOTTOF	H.R. WASH II. C 1 YRS 11 WASH II. 4 1 YRS 11 WASH II. 4 1 YRS 11 WASH II. 4 1 YRS 11 WASH II. 4 1 YRS 11 WASH II. 4 1 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS 11 WASH III. 4 YRS	· 在 1 · 中 · 新 · 2 · 斯 · 2 · 斯 · 1 · · · · · · · · · · · · · · · ·
18	PRIMER:	CHLORINATED RUBBER CHLORINATED R	10%
11	Anno sentembro de constituir e e constituir de la constit	*FOULING TYPE FOULING	
20	1.	lione for the comparison as sects for 10 1861. To the section for the comparison for the	CONTRACTOR AND A CONTRA
22 23 24	NORTH PACIFIC PRIMERS	EPOXY. POLYAMIDE ::	LURE: 10%
25 26 21	.	#FOULING TYPE FOULING	10% GRASS
21		LIGHT OF THE SECTION OF SALIDATION OF SALIDA	
30 31 32	The same committee of the property with a see COATS .	EPOXY POLYAMIDE	LURE: 103 EARANCE #2 GOOD SEES
33 34 35	ta Banka sain casa na halamas dan bana	* FOULING TYPE FOULING	3: Value 5.54.
31		ial suidentelium divertitatatatatatatatatatatatatatatatatatat	and the extension on a first constraint work a serial and a serial defendance of
31 48	in a commence of the control of the	EROXY, POLYAMIDE 8.0 MILS &CORROSION: ANTIFOULING, EPOXY, CUPPER 3.0 MILS &COATING FALL APRE	LURE: 103
42 43	Land Charles of the Control of Control	AFOULING TYPE FOULING	33
45	1 101450	A ANAL AND THE THE WELS SPORSBATOTER PASSED OF A MILE RECORD STORAGE.	· atompressittemen
41	TOATS!	ZINC, INDRGANIC, SELF CURE, WATER BASED 0.8 MILS *CORROSION: ZINC, INDRGANIC, SELF CURE, WATER BASED 3.0 MILS *COATING FAI EPOXY, ESTER 1.6 MILS *GENERAL APPE EPOXY, ESTER 1.6 MILS *FOULING FAI 1.6 MILS TYPE FOULING 1.6 MILS TYPE FOULING	LURE: 103
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52 53 54	1	EL. 12	58
55 56 53	Secure of the second of the se	CULORINATED BURNER 2.4 MILS &COATING FAI	LURE: 103
58 59	COATS:	CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER 1.6 MILS TYPE FOULING	i: GRASS
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63 64 65	GULF OF MEX. PRIMER:	CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER SAND SHEEP 2.0 YRS VARNISH ALKYD 2.4 MILS ZFOULING 1.6 MILS ZCORROSION: 2.0 MILS ZCOATING FAIL ALKYD ZFOULING TYPE FOULING	ILURE: 10%
66 67 68	And the second s	AFOUL ING	

OF SHIP ROUTE AREA/SYSIEM PREPARATION AGE EVALUATION DRY CARGO UNKNOWN DOGITOR SSPC-SP-4 UK YRS PRIMER: BITUMENOUS 2:0 MILS TOORGSION: COAT2; GINERS COAT2	KEA; BUCTI	TOP		SHIPS PAINTS	RE POWER SYSTI	MS / MARAD ORMANCE SUI	MMARY	er error e su is benaue, pelés b	التي يونيون التي التي التي التي التي التي التي التي	PAGE 10/14/
PRIMER; BITUMENOUS COATZ; DINERS 2.10 MILS *CORROSION: COATZ; DINERS 2.10 MILS *CORROSION: TYPE FOULING: SE DRY.CARGO UNKNOWN BOOTTOP PRIMER: DITUMENOUS COATZ; AKNYD PRIMER: DITUMENOUS COATZ; AKNYD PRIMER: DITUMENOUS COATZ; AKNYD PRIMER: COATZ; AKNYD LICENSE SECTION: COATZ; AKNYD PRIMER: COATZ; AKNYD LICENSE SECTION: COATZ; AKNYD PRIMER: COATZ; COAT	OF SHIP	TRADE								EN
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16 16	TYPE TRADE ARFA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION
12	DRY CARGO PERSIAN GULF ABOUTTOR
15	GULF OF MEX. PRIMER: CHLORINATED RUDDER GULF OF MEX. PRIMER: CHLORINATED RUDDER 1.7 MILS *CORROSION: 103 103 103 103 103 103 103 103 103 103
11 18 19	TYPE FOULING:
21	DRY CARGO IN NOTATION CATEGORIO DE LA CONTRE DEL CONTRE DE LA CONTRE DEL CONTRE DE LA CONTRE DE LA CONTRE DEL CONTRE DE LA CONTRE DE LA CONTRE DEL CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DEL CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DE LA CONTRE DEL CONTRE DE LA CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DE LA CONTRE DE LA CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CONTRE DEL CON
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26 27 28	TYPE FOULING:
29 30	MEDITERRANEAN PRIMER: EPUXY ESTER 1.5 MILS *CORROSION: 10*
32	MEDITERRANEAN PRIMER: EPUXY.ESTER 1.5 MILS *CORROSION: 10* 1.5 MILS *CO
34 35 36	TYPE FOULING: GRASS
37 38 38	NO. ATLANTIC PRIMER: ALKYO 1.5 MILS *CORROSION: 1.5 MILS *CORTING FAILURE: 10* 1.5 MILS *COATING FAILURE: 10* 1.5 MILS *CORROSION:
40 41 42	GENERAL APPEAR ANCE TO ON THE TOTAL THE TARREST OF THE TOTAL THE T
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13 46 47	CARIBBEAN PRIMER: EPDXY.ESTER 1.5 MILS *CORROSION: 10* MEDITERBANEAN COATS: EPDXY.ESTER 1.5 MILS *CORROSION: 10* COATS: EPDXY.ESTER 1.5 MILS *CORROSION: 10* COATS: EPDXY.ESTER 10* COATS: ABBEANCE 10* COATS:
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51 52,	EERRY LYNN BOOTTOR AND AND AND AND AND AND AND AND AND AND
54 55 58	PRIMER: ALKYO PHENOLIC 1.5 MILS ZCORROSION: 107 CCATE: MILS ZCORROSION: 107 GENERAL APPEARANCE: GOOD TO TYPE FOULING:
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62 63 64,	NORTH PACIFIC PRIMER: EPOXY, POLYAMIDE 2.0 MILS **CORROSION: 5* COAT 2: EPOXY; COAL TARE 10 MILS CENERAL APPEARANCE! FAIR 10 MILS CENERAL APPEARANCE! FAIR 10 MILS CENERAL APPEARANCE! FAIR 10 MILS CENERAL TAREST 10 MILS CENERAL APPEARANCE! FAIR 10 MILS CORROSION: 10 MILS CORROSIO
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68	For any specific transformation of the control of t

	AREA; BUOTTUP	OFF SHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMAR SURFACE SYSTEM PREPARATION AGE T	PAGE 57 10/14/78
	· •		TILM SHIP PERFORMANCE HICK. AGE EVALUATION
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	OBOLIZZE SOUTH PACIFIC BOOTTOR	TOWARD VANDE	TYPE FOULING: SLIME
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44 44 41 41 43 50	TANKER WORLD WIDEL BOOTTOP PRIMER: [COAT2]	EPOXY POLYAMIDE AND AREA SERVICE SERVI	CLEOTICE COLUMN COLUMN CONTRACTOR
51 53	PRIMER; ECUATA: COATA:	POXY POLYAMIDE 2.0	O MILS *CORROSION: 5* O MILS *COATING FAILURE: 15% O MILS GENERAL APPEARANCE: GOOD *FOULING TYPE FOULING:
60 61 62 63 64	BULK NO. ATLANTIC BOOTTOR PRIMER; COATA; COATA;	ARNISH	K MILS #CORROSION:

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0	AREA: BOUTTOP	OFFSHOR	E POWER SYSTEMS / MARAD COATTNGS PERFORMANCE SUN	MARY	K. p. wyjak popuji kombolitskiho. P	odda, sincedestini objekt handen a dea Geografi (1882) og geografi	PAGE 59 10/14/78
	TAREA: BOUTTOP TYPE TRADE OF SILIP. NO. ATLANTIC BOOTTOR	AKEÁ/SYŠTEM T	PREPARATION AGE	FILM THICK.	SHIP I	ERFÖRMANCF EVALUATION	Tankola Edillinik etaloa (
	1	LINC, INDREANICE POXY LESTER FOXY LESTER	C.SELFCURE.SOLVENT BASE	3.0 MIL	ITE	SION: ING FAILURE: L APPEABANC ING OULING:	•
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5	AREAT, QUOTTOP.	OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY	PAGE 60 10/14/78
! ! !!		SHIPS PAINTS/COATTINGS PERFORMANCE SUMMARY AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	
1; 1; 1; 1;	1	EPOXY, POLYAMIDE EPOXY, POLYAMIDE EPOXY, POLYAMIDE EROXY, POLYA	64666000000000000000000000000000000000
1 1 1 1 2	HURTH PACIFIC COATS	ANTI-HULING: VINYL: COPPER 2:0 MILS TYPE FOULING: ANTI-HULING: VINYL: COPPER 2:0 MILS TYPE FOULING:	GRĀSS CMANAGERIJANE
2 2 2 2 2	PRIMER:	EPUXY, POLYAMIDE	153 6000 555
21	4	ÄNITEÜÜLINĞ,VINYE,COPPER : 1216 MILS. TYPETFÖÜLING: 	io Shell Tomosymum
31 31 1 37 1 37	A SERVINO DE LOS COATAIS	EPOXY POLYANIDE 2.0 MILS ECORROSION: EPOXY CUAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE TO MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE TO MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE TO MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE TO MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE TO MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE TO MILS ECORROSION: EROXY COAL TAR TEXT OF THE PERSON BE TO MILS ECORROSION BETO THE PERSON BETO THE PE	53 153 153 153 153
36 36 30	TANKER MEET NO MATLANTIC ME BOOTTOR	TYPE FOULING:	
31 35 41	LET E COATE LETTER OF AN ANTHONY PRINTERS COATE	EPOXY, PULYAMIDE 2.0 MILS & CORROSION: CPOXY, POLYAMIDE FAILURE FOR THE SECOND FAILURE FOULING FAILURE FOULING	15 3 153 153 153
43 43	TANKER 1823 NOT ATEANTICE BOOTTOR	lo de la comparimenta del comparimenta de la comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta del comparimenta	
4: 46 43 41 49 50	6 PRIMER:	ZINC. INORGANIC. SELFCURE, SOLVENT BASE 3.0 MILS CORROSION: EPOXY, POLYAMIDE EPOXY; OTHER	157
51 52 53	3	LINE AND AND AND SANDASHEERINI OF YRS ARRIVED AS AND AND AND AND AND AND AND AND AND AND	Line 25. Malan
54 55 56 57 51	COAT 3	ZINC.INORGANIC.OTHER 3.0 MILS *CORROSION: EPOXY.PULYAMIDE ************************************	25% 25% Et FAIR /4.
59 60 61	BULK NO. ATLANTIC . BOOTTOR	#FOULING TYPE FOULING:	WW. 11.83.
63 64 65 65	SO. ATLANTIC PRIMER: CHAIR;	POLYESTER 40.0 MILS %CORRUSION: #ILS %COATING FAILURE: GENERAL APPEARANCE FOULING TYPE FOULING:	25% 25% CE: FAIR(%894)

5	SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY	740F 10/14/78
' ; ; ; ;	SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY AREA; BOUTTOP OF SHIP ROUTE AREA/SYSTEM PREPARATION AGE THICK. AGE EVALUATION SSPC-SP-10 1.0 YRS	a ak la alabetemak a . On the constant
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11 10 12	COATA: FPOXY POLYAMIDE 2.0 MILS ZFOULING: TYPE FOULING: OLDRY CARGO ZI NOTATLANTIC M BOOTTOR	erre elektriker
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26 21 21 21	TYPE FOULING: 127 DRY CARGOL NO. TATLANTIC BOOTTORISTS AND SHEER 11.21 YRS 20 PROSION:	252 1
31 + 32 34	U K NILS ZCORROSION: I COATE VARIABLE	izea ir eas
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41 41 41	COATA: VARNISHILLEAREN ARREST UK YRS. OMILS COATAING FAILURÉ: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA COATAING FAILURE: OUTTERNISH LE RESTRICTION DE LA CO	PÖÖRMANI OZ
45 45 46 47 41	46. 46. THE PRINCE OF THE PRINCE OF THE PRINCE OF THE PRINCES OF T	25 % 25 % 25 %
49 50 51 52	#FOULING 50 TYPE FOULING: 51 CARGOTTING: ATLANTICE BOOTTOP. N. M. M. M. SERGESP-10/M.UK YRSAMI M. M. M. M. M. M. M. M. M. M. M. M. M.	GRASS AKALLAMA
54 55 56 51	PRIMER; EPOXY, COAL TAB	25% 25% C. FAIR W 25%
51 59	#FOULING TYPE FOULING: 50 DRY CARGU', NO. ATLANTIC BOOTTOP	COMB. Millian Market

PRIMER: CHLORINATED RUBBER

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CUATE: ALKYD

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FOULING
TYPE FOULING:

5	CHANG ON ARTE LEON TANCE OF FROM ANCE CHMMADY	AGE 64 10/14/78
10	AREA; WONTTOP APEA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE OF SHIP ROUTE PREPARATION AGE THICK. AGE EVALUATION	Northwest 1993
12	IN THE CARDY LARGE LAST CONTINUES TO THE CAST LAST LAST LAST LAST LAST LAST LAST L	nce
; 14 15 16	PRIMER: EPUXY, ESTER 1.5 MILS *CORROSIUN: COATING FAILURE: GENERAL APPEARANCE: FOULING	25 % 25% 36000 (State)
17 10 11	TYPE FOULING: 10 INC. ABGOLIANO 2: ATLANTIC EL BOOTTOR AND ALLA SINA SINA SINA SINA SINA SINA SINA SIN	GRASS
21	11 NORTH PACIFIC PRIMER: ALKYD PHENOLIC (**)	25%
25	GARIBBEAN. W. COAT 2 i COAT 2	FÁ IRESE 03
21	TANKER ITTELL NORTH SE A SILL BOOTT OB LAND LAND LAND LAND WAS HEAVY A TYRS FROM THE CONTRACT OF THE PROPERTY	
30	ii 4.0 MILS & CORROSION: 11 IUMENOUS FAILURE: 12 IUMENOUS FAILURE: 20 MILS & CORROSION: 20 MILS & CORTING FAILURE: 20 MILS & CORT	0 % 25 % 60000
33 34 35	TYPE FOULING;	25%
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38 39 40	SO. CHINA SEA PRIMER: WITUMENDUS COATS: DITUMENDUS 25% 25% FAIRWA	
41 42 43	47 AFOULING TYPE FOULING:	
: 44 : 45 : 46	6 ORYLCARGOLLINGLIATION BOOTTOR / 1 SIGN FILE MASH SERVICE TYRS MILES TO MILE TO	15 2
47	INDIAN OCEAN COATS : EPOXY ESTER COATS : EPOXY	25%
50 51 52	TYPE FOULING: 51 52 TANKER TO WORLD WIDE STROOTT OR. THE ALERANGE HAR SWASH MASH MASH MASH MASH MASH MASH MASH M	Shell Marka
53 54 55	PRIMER: CHLORINATED RUBBER 3.0 MILS &CORROSION: CCATZ: CHLURINATED RUBBER 22.02.20 MILS &COATING FAILURE: COAT3: CHLORINATED RUBBER 22.02.20 MILS &COATING FAILURE: COAT3: CHLORINATED RUBBER 22.02.20 MILS GENERAL APPEARANCE:	10%
51	SI CHAIA: CHEUR DATED RUBBER 1,5 MTLS REPORTING:	PAIR EEL 25% COMB.
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63 64	CARIBBEAN PRIMER; CHLORINATED RUBBER ORIGINATED RUBBER ORIGINATED RUBBER 1.2 MILS *COATING FAILURE; GENERAL ARPEARANCES.	ISA 254 LFAIRHAE
66 67	TYPE FOULING:	114

\ \ \ \	AREA: BOOTTOP	SHIPS PAINTS/EDATINGS PERFORMANCE SUMMARY	GE 65 0/14/78
10	TOP SHIP SHIPE	AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	estelenilli Terretari
13 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	COATA TANKER TO SECURITOR WORLD WIDE TO BOOTTOR	I CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER CHLORINATED RUBBER	103 253 FAIR 253 COMB.
21 22 23 24 25 26 27 28	DRY YCARGO TO NO TO ATLIANTIC TO BOOTTOR	ZINC.INDRGANIC.SELF CURE.WATER BASED, 3.0 MILS *CORROSION: POLYVINYL, CHLORIDE COPOLYMER WALKYD MILS *COATING FAILURE: WALKYD MILS *CORROSION:	15% 25% EAIREME 10% COMB.
29 30 31 31 32 4 31 34 35	PRIMEH:	the state of the s	25 % 50 % POORTESS
31 38 39 40 41 42 43	PRIMER:	EPOXY, POLYAMIDE 2.0 MILS %CORROSION: EPOXY, PULYAMIDE 2.0 MILS %COATING FAILURE:	50% 50% 2008:32%
44 45 46 47 48 49 50	WORLD WIDE BOOTTOR PRIMER: COATZ:	EPOXY COAL TAR B.O MILS *CORROSION: POXY POLYAMIDE BOXY RULYAMIDE TYPE FOULING:	LOX 502 FAIRTES
58 59	· · · · · · · · · · · · · · · · · · ·	ALKYD ALKYD FAILURE: ALKYD ARPEARANCEL FOUL ING:	TAMANA TOO BANKS
62 63 64 75 66 67	PRIMER: COAT 2: COAT 4: COAT 4: COAT 5:	VARNISH SCORROSION: VARNISH SCOATING FAILURE: OTTUMENOUS ALKYD ON THE STOULING:	ORTER

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TYPE OF SHIP	TRADE ROUTE	ΑΙ	ŔĔĄ/ŜYSĮFM	PR	SURFĂCE EPARATION	SYSTEM AGE	FI	LM CK.	SHIP"" AGE	PERFORM EVALUA	ANCE TION	gibe e i, ha cipuli
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ti Egy to be prop to the garage property Barand and discounting the designation	Name :	PRIMER:	FPOXY, POLYAN FPUXY, COAL. T	MDE MB	Sheen Military	The Street Later	2.0 4.9	MILS	CORR COAT GENER	OSION: ING FAI AL APPE	LURE: Arance:	50% 50%
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Samplement was marked businesses.	and the second of the second o	PRIMER:	EPOXY.BOLYAM EPOXY.POLYAM	HOE HOEspana	eringeren er er er er er er er er er er er er er	ika a kalangan Mengangkan bermanya	2 . Q 2 . B	MILS	RAND# IAN⊋¥…	ios ion: Ing Eal	LUREI	13 203
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	S CONTAINER NO. ATLANTIC BOUTTOP SSPC-SP-6 UK YRS PRIMER: WASH PRIMER. 1.0 MILS *CORROSION: 90*
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	SO ALLANTIC PRIMER; CHIOKINATED RUBBER WESTERNETTY DESCRIPTION STON:
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	TANKER NO. ATLANTIC BEGITOP SSPC-SP-5 2 YRS 02
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PRIMER: ZINC, INDRGANIC, OTHER COATZ: EROXY, POLYAMIDE COATZ: EROXY, POLYAMIDE COATZ: EROXY, POLYAMIDE COATZ: EROXY, POLYAMIDE COATZ: EROXY, POLYAMIDE COATZ: EROXY, POLYAMIDE COATZ: EROXY, POLYAMIDE TANKER WORLD WIDE PRIMER: FPOXY, POLYAMIDE COATZ: EROXY, POLYAMIDE COAT	4:	GENERAL APPEARANCE; EXCELL	į.
PRIMER: FPOXY, POLYANIDE SELECTION OF THE PRIMER: FPOXY, POLYANIDE COAT 3: FPOXY AND COAT AND	49	IS TANKER SOUTH PACIFIC FREEDOARD SAND INDOCANTO DIEGO STADE STADE SAND STORE STADE SAND STORE STADE SAND STORE SAND SAND SAND SAND SAND SAND SAND SAND	
PRIMER: FPOXY, POLYANIDE COAT 2: FROXY, POLYANIDE COAT 3: FPOXY, POLYANIDE	41	COATA E ENCRY BOLVANIDE LA LA MARIA E LA COATA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BOLVANIDA E ENCRY BO	
PRIMER: FPOXY, POLYANIDE SELECTION OF THE PRIMER: FPOXY, POLYANIDE COAT 3: FPOXY AND COAT AND	41 50	COATA EPOXY POLYAMIDE	" į
PRIMER: FPOXY, POLYANIDE SELECTION OF THE PRIMER: FPOXY, POLYANIDE COAT 3: FPOXY AND COAT AND	52 52	TANKER VORID WIDE FREEBOARD SPC-SP-10 1.0 VRS	
21 COVI 3: ESDAY SOFT STORY SEVERAL ASSESSMENT STORY	54 55	DOLARD FROXY, POLYANIDE 2.0 MILS #CORROSION: 12	ŀ
TANKER WORLD WIDE FREEDOARD PRIMER: EPDXY POLYAMIDE CCAT2: EPDXY POLYAMIDE CCAT2: EPDXY POLYAMIDE COMILS **COMING FAILURE: 12* COMILS **COMING FAILURE: 12* COMILS **COMING FAILURE: 12* COMILS **COMING FAILURE: 12* COMING COMING COMING FAILURE: 12* COMING COMING FAILURE: 12* COMING COMING FAILURE: 12* COMING COMING COMING FAILURE: 12* COMING COMING COMING FAILURE: 12* COMING COMING COMING FAILURE: 12* COMING COMING COMING FAILURE: 12* COMING COMIN	51 51	COAT 2: FPOXY, POLYAM DE 2.0 MILS GENERAL APPEARANCE: EXCELL	11.1 9
PRIMER: EPUXY PULYAMIDE CCAT2: EPUXY PULYAMIDE COAT3: EPUXY PULYAMIDE COAT3: EPUXY PULYAMIDE COAT3: EPUXY PULYAMIDE COAT3: EPUXY PULYAMIDE COAT3: EPUXY PULYAMIDE COAT3: EPUXY PULYAMIDE COAT3: EPUXY PULYAMIDE	51 55	JANKER WORLD WIDE FREEBOARD H.P. WASH 114 YPS SEADONN A MORE TO COMPANY AND A SEADONN A MORE TO COMPANY A MORE TO COMPANY A MORE TO COMPANY A MORE TO COMPANY AND A SEADONN A MORE TO COMPANY AND A SEADONN A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY AND A MORE TO COMPANY A	,
CHATA: EPRRY POLYANICE 2.0 MILS GENERAL APPEARANCE: EXCEL	61	PRIMER: EPOXY POLYANIDE 2.0 MILS &CORROSION:	
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67 to the state of	61 61	The state of the s	-

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1 1 8 5 10	ABEA: FREEDOARD TRAD TYPE TRAD OF SHIP. ROUT	DE AREA/SYS	TEM SURFACE PREPARATIO	SYSTEM FILM N AGE THICK.	SHIP PERFORMANI AGE EVALUATIO	CE COMPANY CONTROL CON
11	CONTAINER SOUTH PA	TE ACIFIC'FREEBOARD	SACHSRV10	17510 YRS 100 1045	MOSTERNIN INCHES	LA MARTINETTANA
13 14 15 16	Berlin of the second of the se	PRIMER: 7 INC. IN	ORGANIC, POST CURE OLYAMIDE OLYAMIDEDA AND AND AND AND AND AND AND AND AND A		S CORROSION: COATING FAILU GENERALZABREAB	13 ANCE 12 GOOD 1226.
18 28 21 22 23 24 25	DBY GARGO NO. ATLA	NTIC FREEDOARD PRIMER: ZINC.IN COATZI EPOXY.P COATZI EPOXY.P	SSPC-SP-6 OLYAMIRE OLYAMIRE SSPC-SP-10	2.0 YRS 2.5 MIL: 2.0 MIL: 2.0 MIL: 2.0 YRS	*CORROSTON: ************************************	RE: 13 ANGE: EXCELL:
26 27 28 29 30	The state of the second state of the second	PRIMER: ZINC. N CDATZ: EROXY R CDATZ: EPOXY:P	URGANIC OTHER ALEMAN COLOR	PARTY DESCRIPTION OF MILES	S &CORROSION: S &COATING FAILUI GENERAL APPEAR	RE: 18 ANCE: EXCELL.
31 + 32 - 33 - 34 - 35 - 36 - 37	TANKER SOUTH PA	NCIFIC FREEDOARD	SSPC-SP-10 OLYAMIDE OLYAMIDE OLYAMIDE OLYAMIDE SSPC-SP-10	2.2 YRS	CORROSION: SECONTING FAILUIS GENERAL APPEAR	RE: 13 ANCE: EXCELL:
39 48 41 42	NA HEADY	ACTETO PRIMER; EPDXY P COAT2: EROXY P COAT3: EPOXY P	OLYAMIDE OLYAMIDE OLYAMIDE	2.0 ML	S ZCORROSION: S ZCOATING FAILU! S GENERAL APPEAR	12 *** ~ `
43 44 45 46 47 48	WARGE NO. ATL	PRIMER; HASH PR COATZ: VARNISH COATZ: VARNISH COATA: VARNISH	IMER	3.0 YRS 0.5 MIL 2.0 MIL 2.0 MIL 2.0 MIL	S &CORROSION: S &COATING FAILU GENERAL APPEAR	RE: 13 ANCE: GOOD
50 51	TANKER NO. ATL		SSPC-SP-6			
52 53 54 55	100.00	AN 1222 PRIMERIL CHLORIN COATZ:		MIL	S # CORRUSTON () () () () () () () () () (RE: 12 ANCE: GOOD
		ANTICE FREEBOARD PRIMER: CHLORIN COATE; SHLORIN				
62 63 64	TANKER MEDITER		SAND SWEER	1.5 YR\$		

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5) §	ABGA - EDIFROADO	DFFSHORE SHIPS PAINTS/CO	POWER SYSTEMS / MARAD DATINGS PERFORMANCE SUM	MARY	PAGE 76 10/14/78
8 8		AREA/SYSTEM"			
		C: FREEBOARD			Spart Commit
13 14 15	The state of the s	PRIMER: ZINC, INORGANIC, CHATZ: CPOXY, POLYAMINE COATB: EPUXY, BOLYAMINE	OTHER Landina de la companya de la companya de la companya de la companya de la companya de la companya de la companya	3.0 MILS &CORROSION 2.0 MILS &COATING F 2.0 MILS GENERAL AP	ALLURE: 13 REABANCE: EXCELLS
17	BARGE. NO. ATLANTI		SAND SWEEP 2.2 YRS	v	
28 21 21 27		COATE: EPOXY POLYAMIDE			
23 24		CIN FREEBOARD D Charles 1			i i
25 26 27	a primaja gravije gravi vijeka na navada na vijeka na navada na navada na navada na navada na navada na navada Parantali alah sa katalana na navada navada na navada na navada na navada na navada na navada na navada na nav	PRIMER: ZINC, INDRGANIC, COATZ: EPAXY: POLYAMIRE	OTHER. La cula damilio mangada a sa cataga	3.0 MILS ECORROSION 8.0 MILS ECORIOSION BEOMILS ECORROSION	ALLURE: 13 BEARANCELEGOOD
3,		IC FREEBOARD .	SSPC-SP-10 2.0 YRS	•	
3° 3		PRIMER: ZING INORGANIC. COATZ: EPOXY POLYAMIDE COAT3: EPOXY POLYAMIDE		2.0 MILS GENERAL AP	PEARANCE: GOOD
3		III EREEBOARD IN AND A MARKED			i i
3 40 1	and the second s	A PRIMER: ZINC, INORGANIC, COATZ: FPUXY POLYAMIDE	OTHER RELEASER LA FRANCIS SESSE	2.5 MILS *CORROSION 2.0 MILS *COATING F	AILURE: 13 BEARANCE: EXCELLA
4		C FREEBOARO			
45 46 47 4	GULF OF MEX	· · · ·		MILS ACHAILING F	PEARANCE: EXCELL.
4		IC. FREEBOARD & Linear Line			
51 52 53 54		. COATA: ALKYDISTLICONE		S.O. HIEZ	i
55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	NO. ATLANTTO	FREEROARD PRIMER: ZINC, INDRGÁNIC, COATZ: VINYL COATZ: VINYL ACRYLIC COATA: VINYL ACRYLIC	SELFCUKE, SOLVENT BASE	2.5 MILS CORRUSION 1.5 MILS COATING F	1 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2
50 51	The second secon	Edata:vinyt acrytic	_	2.6 MILS Strings of	read life to marion marion
63	FISHING . CARIBBEAN	FREEBOARD	SSPC-SP-Q 5 YRS	in' ai uri ai maannaa rai	A C. PER THE S. C. PRITTERS. IN MARKS CA. STATE.
64 65 66	the control of the same and the	PRIMER: ZINC.ORGANICAM COATZ: EPOXY, POLYAMIDE COATZ: OTHERS		3.5 MILS COATING F .3.0 MILS GENERAL AP	ATLURE: 17 PEARANCE: EXCELL.

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	OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY 10/14/78
) -	TYPE TRADE AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION
	FISHING NORTH PACIFIC LEREEBDARD Th
	PRIMER: ZINC, INDRGANIC, SELFCURE, SOLVENT BASE 2.0 MILS *CORROSION: COATS: FPOXY, POLYAMIDE 12 COATS: FROXY; POLYAMIDE 2.0 MILS *COATING FAILURE: 12 COATS: FROXY; POLYAMIDE 2.0 MILS *CORROSION: COATS: FPOXY; POLYAMIDE 2.0 MILS *CORROSION: COATS:
	BULK [WORLD WIDE. "FREEBOARD H.P. WASH UK YRS. OF IN THE PROPERTY OF THE PRO
2 2	COATZ; C'LORINATED RUBBER COATZ; C'LORINATED RUBBER COATZ; C'LORINATED RUBBER COATZ; C'LORINATED RUBBER COATZ; C'LORINATED RUBBER COATZ; C'LORINATED RUBBER 1.5 MILS GENERAL APPEARANCE; GOOD DRY CARGO PERSTAN GULF FREFBOARD H,P, WASH UK YRS 19
2	DRY CARGO PERSTAN GULF FREEBOARD H.P. WASH UK YRS 19
2 2	GULF. OF, MEXICALERIA ALKYD PHENGLIC GOOD 1.7 MILS SCORROSION: 13 MILS SCORROSION: GOOD GENERAL APPEARANCE: GOOD
+ 3 + 3	DRY CARGO SOUTH PAGIFIC FREEDOARD H.P. WASH UK YRS 17 MILS &CORROSTON: 18 CARIBBEAN COATZ: 18
3	HULK NORTH PACIFIC FREEBOARD H.P. WASH UK YRS U6
3 3	PRIMER: FPOXY ESTER PROSECUTION OF THE STORY
1 4	
	PRIMER: CHLORINATED RUBBER 3.0 MILS %CORROSION: 1%
1 4	BULK WORLD WIDE FREEBOARD U.P. WASH UK YRS 19
5 5 5	PRIMER: EPOXY ESTER COATS CORROSION: COATS: EPOXY ESTER COATS CORROSION: COATS: EPOXY ESTER COATS CORROSION: COATS: EPOXY ESTER COATS COATS CORROSION: COATS CORROSION: COATS CORROSION: COATS CORROSION: COATS CORROSION: COATS CORROSION: COATS CORROSION: COATS CORROSION: COATS CORROSION: COATS COATS CORROSION: COATS CORROSION: COATS COA
5 5! 5!	DRY CARGO SHUTH PAGIFIC FREEDARD HERE
5 5	PERSTAN GULF PRIMER: FPOXY, ESTER INDIAN OCCAN COATZ: ALKYO DRY CARGO FAR EAST FREEBOARD PRIMER: EPOXY, ESTER II.7 MILS **COATING FAILURE: 1** GFNERAL APPEARANCE: EXCELL: PRIMER: EPOXY: ESTER COATZ: ALKYO
1 6	DRY CARGO FAR EAST FREEBDARD 1.7 MASH UK YRS 23 23 1.7 MILS &CORROSION: 1%
; 6 ; 5	COATS: EPOXY ESTER THE PORT OF THE STATE OF

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10	TYPE OF SHIP.	BUARQ	ou	űréá/sys	TEA	PR	SUPFĀCĒ PARATION	‴ŞYS1 ⊢ A¢	TEM """ GE	FILI THICI	M S	HIP AGE	PERFOI EVAL	RMÂNCE UATION	fiduloi 1	E nižini sakok (doni se Rivi)
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14 15	Latinal all things	Antonia de Calabatilda	PRIMER: . COAT2:	EPDXY ESCHLORING	STER ATED R ATED R	UBBER	i Nole y Karl Nole I'g water Sandra Chiefa a pawaya da		a for for gran	1.5 3.0 1.5	MILS MILS MILS	ሄርORR ሄርOAT GENER	USTON ING F ALLARI	AILURE BEARAN	i Ceile	XGELL.
17	.DRY CARGO .	NO. ATLANTIC	FREEBOAR	D			. WASH			•	•					
20 21 22		CARIBBEAN SALC	COAT2;	CHLORINA	ATED.:B	UBBER	. 5 (1) 12 20 20 10 10 16 16 16 16 16 16 16 16 16 16 16 16 16			1.5.	MILS.	#CORR #COAT GENER	USION ING F AL API	A LURE PEARAN	CE; É	XCELL.
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26 27 28	han the little and he was	and the second s	PRIMERA COATZI COATZI	ZINC.ING EPDXY PI ALKYU,S	DRGANI DLYAMI ILICUN	C.SELFO	CURE, SOLV	ENT E	BASE Edilog	3.0	MILS MILS:	*CORR *COAT GENER	OSION AL AP	AILURE PEARAN	Če: É	XCELL.
29 30 31	TANKER	NO. ATLANTIC	FREEBOAR	ល		' \$\$1	PC#SP-10	. 2.	YRS				,			h i a
32 33 34			COAT2; COAT3;	EPOXY PU	DLYAMI DLYAMI JLYAMI	NE LANGE	Allindrichet Later Les Li			3.0% 4.0 2.0	MILS. MILS MILS	*CORR *COAT GENER	OSION ING F AL API	ALURE	ieanyi ce: g	
36 37	ABUCKALALE LA	/WORLD/WIDERIUS													i Evalua	elecciesa
38 39 40	Articles of the constraint of the	ار از از از از از از از از از از از از از	PRIMER: COAT2: COAT3:	EBOXA BOXA BOXA	DLYAMI DLYAMI DLYAMI	de De massi		rary:		2.0	MILS MILS MILS	*CORR ECOAT GENER	OSION ING F AL.AP	ALLURE REARAN	5 5 6 8 \$ \$ 6	% .000:\\.
41 42 43	'TA NK ER	WORLD WIDE 11	. FRĘEBOAR	D		: Hěf	HASH	3.0	YRS			•			2	
44 45 46	and the second of the	Account of the second of the s	PRIMER: COAT2: COAT3:	EROXY, RO	DLYAMI DLYAMI DLYAMI	OE. SEAS C DE DE	and the second second	Limber of E	ise will be a con-	2.0	MILS MILS MILS	COBR COAT GENER	OSION ING F AL AP	ALLURE PEARAN	Markett 5 CE+ G	2 40 100 a 1
48 48	TANKER L. L.	NO. CATLANTIC.	FREEBOAR	O	J. 12 6	LEKES S F	CESRE10.	2 . Ω.	YRS	ii la	· · · · · · · · · · · · · · · · · · ·	Bridge State of	na jarya (h. j.) 1828 - Mariera	. 11.4.2		
50 51 52	An an array of a grant	and a second sec	PRIMEBI COATS: COATS:	ZINC.ING EPOXY PO EPOXY DI	IRGANI ILYAMI IIIER	C.OTHER	Lidahat haita	delle La	di lada di la	3.0	HILS HILS HILS	*CORR *COAT GENER	OSION ING F AL:API	ALLURE EARAN	5 5 6e* 6	₹ 000
53 54 55	TANKER	NU. ATLANTIC	EBEEBOAR			•	PC-58-5.					Q3				*
56 57 58	And a second sec	SO. ATLANTIC		CHEOKINA CHEOKINA CHEOKINA	ATED R ATED R	UBBER UBBER UBBER	A STATE OF THE STA	المسادة المسادة		3,21	MILS '	¥CORR ¥COAT ĞENER	OSION: ING FA AL API	ALLURE PEARANI	* 5 CE: F	A IR

TANKER NO. ATLANTIC : FREEBOARD SSECRSR#6 WALL 2 YRS HE

NORTH PACIFIC PRIMER: CHLORINATED RUBBER 4.0 COATE;

4.0 MILS *CORROSION: 54 MILS *COATING FAILURE: 5% GENERAL APPEARANCE: GOOD.

1 1	The state of the s
\Diamond	
1 16	SHIPS PAINTS/CUATINGS PERFORMANCE SUMMARY AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION SSPC#5P#10 2.5 VRS
12 13	PRIMER: ZINC.INORGANIC.SELF CURE.WATER BASED 0.8 MILS %CORROSION:
15	PRIMER: ZINC, INORGANIC, SELF CURE, WATER BASED 0.8 MILS *CORROSION: COATE: ZINC, INORGANIC, SELF CURE, WATER BASED 3.0 MILS *COATING FAILURE: 53 COATE: EPOXY, ESTER CURE, WATER BASED 3.0 MILS *CORROSION: COATE: EPOXY, ESTER CURE, WATER BASED 3.0 MILS *CORROSION: COATE: EPOXY, ESTER 1.6 MILS *CORROSION: COATE: EPOXY, ESTER 1.6 MILS
1 18 19 20	TANKER 10/4/1 PERSIAN GULFILF REEBOARD
21 22	THE RESERVE OF THE RESERVE OF THE RESERVE OF THE RESERVE OF THE STATE
25 26 27	LNG SPG-SP-19 2 YRS AND SPG-SP-19 2 YRS AND SPG-SP-19 2 YRS AND SPG-SP-19 2 YRS AND SPG-SPG-SPG-SPG-SPG-SPG-SPG-SPG-SPG-SPG-
24 29 30	PRIMER: ZINC, INDRUMIC, OTHER 2.5 MILS & CORROSION: COAT2: EPOXY, POLYAMINE COAT3: FPOXY, POLYAMINE BARGE NU, ATLANTIC FREEBOARD SSPC-SP-10 2.0 YRS PRIMER: ZINC, INDREAMIC, OTHER 3.0 MILS & CORROSION: COAT3: FREEBOARD SSPC-SP-10 2.0 YRS OMILS & COATING FAILURE: COATING FAI
+ 32	BARGE NO. ATLANTIC FREEBOARD SSPC-SP-10 2.0 YRS
35 36 37	PRIMER: ZINC, INORGANIC OTHER 3.0 MILS JCORROSION: 57 JUNE 12 52 JUNE 12 JUNE 12 52 JUNE 12 52 JUNE 12 52 JUNE 12 52 JUNE 12 52 JUNE 12 52 JUNE 12
38 39 40	DRY CARGO NORTH PACIFIC ERFEBOARD SPC-SP-10 2 YRS PRIMER: ZINC, INORGANIC, DTHER 3.0 MILS *CORROSTON: 5% COAT 2: EPOXY, OTHER 8.0 MILS *CORTOR FAILURE: 5%
42	
45	DRY CARGO NO. ATLANTIC FREENOARD SSPG-SP-10 1,5 YRS CARIBBEAN PRIMER: ZINC INDEGNIC OTHER
48 49 50	CAPIBLEAN PRIMER; ZINC, INCHGANIC OTHER 3.0 MILS COATING FAILURE: 52 / 22 / 3.0 MILS COATING FAILURE:
51 52 53	TANKER NU. ATLANTIC FREEBOARD SO. ATLANTIC PRIMER: CHI PRIMATED RUBBER COATZ: COATZ: COATZ: COATZ: SO. ATLANTIC PRIMER: CHI PRIMATED RUBBER COATZ: COA
54 55 56 57	Some of the state
51 53 60	PRIMER: ZINC: INURGANIC: OTHER 3:0 MILS #CORROSIUN: 13 MILS #COATING FAILURE : 5% MILS #COATING FAILURE : 5% MILS #COATING FAILURE : 5% MILS GENERAL APPEARANCE: EXCELL.
61 62 63	COATA: EPOXY, POLYAMINE . 2.0 MILS GENERAL APPEARANCE: EXCELL.
÷ 66	TANKER SOUTH PACIFIC FREEDOARD SSPC-SP-10 U.K. YRS PRIMER: ZINC, INDRGANIC, SELFCUPE, SOLVENT BASE 3.0 MILS ECORROSION: 5% COAT2: EPOXY, POLYAMIDE 8.0 MILS ECOATING FAILURE: 5% COAT3: EPOXY, POLYAMIDE 2.0 MILS GENERAL APPEARANCE: GOOP
68	The control of the control of the particular department of the control of the con

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T	TRADE AREA/SYSIEM SURFACE SYSTE FILM SHIP PERFORMANCE PREPARATION AGEM THICK. AGE EVALUATION	en Trabad
	TANKER NO. ATLANTIC IFREE BOARD SSPC # SB#5 2 YRS 2 A MILS *CORROSION: 5% COATE COATE CHLORINATED RUBBER 2.4 MILS *COATING FAILURE: 5% COATE COATE CHLORINATED RUBBER 3.2 MILS *COATING FAILURE: 5% COATE COATE CHLORINATED RUBBER 2.4 MILS *COATING FAILURE: 5% COATE COATE CHLORINATED RUBBER 2.4 MILS *COATING FAILURE: 5% COATE COATE CHLORINATED RUBBER 2.4 MILS *COATE APREARANCE** FAILURE: 5% COATE	iri Inda
, 1 , 1 , 1	TANKER '. NO. ATLANTIC FREEBOARD SSPC-SP-6 . 2 YRS.	Alegia des
2 2 2	CARIBBEAN MAURIMER: CHLORINA ED BUBBER 185 185 185 185 185 185 185 185 185 185	R
2 2 2 2 2 2	CARIBBEAN PRIMER: CHLORINATED RUBBER 4.0 MILS TCORROSION: 57 COATS: CHLORINATED RUBBER 4.0 MILS TCOATING FAILURE: 53 GENERAL ARPEARANCE FAILURE: 53	LACES EN
3 + 3	DRY CARGO NO. ATLANTIC FREEBOARD SAND SWEEP UK YRS RETURNING NO. ATLA	LIM.
3 3 3 4 3	GULF OF MEX. COAT 2: EPUXY, ESTER COAT 3: ALKYD COAT 3: ALKYD COAT 4: ALKYD TANKER NO. ATLANTIC FREE BOARD H.P. WASH 1 YRS O4	io Frantsi
3	MEDITERRANEAN PRIMER: CULORINATED RUBBER 12 1 2 10 MILS TORROSION: PERSTAN GULE COATAN CET GOO ENG. CHANNEL APPEARANCE: GOO	ID
. 4	PERSIAN GULF PRIMER: FPDXY, ESTER 1.5 MILS CORRUSION: 5% INDIAN UCEAN COATE: ALKYO PHENOLIC 1.5 MILS COATING FAILURE: 5% SO. CHINA SEA	in in the second
4 4 5 5	SO. CHINA SEA. BULK SOUTH PACIFIC FREENDARD H.P. WASH I YRS NORTH PACIFIC PRIMER: ALKYD SO. CHINA SEA COATZ: ALKYD	
5 5 5 5	GENERAL APPEARANCE; GOD STANKER	e marka
	PRIMER; ZINC, INURGANIC, OTHER COAT2: EPUXY, UTHER COAT2: EPUXY, UTHER COAT2: EPUXY, UTHER COAT2: EPUXY, UTHER SPC-SP-6 2 YRS COAT2: FREEBUARD SSPC-SP-6 2 YRS	ELL
\$: &:	CAR IRBEAN PRIMER: CHAIRINAIGH KHRIER 4.0 MILS *CORROSION: 52 COATZI CHAIRINAIGH KHRIER GENERAL APPEARANCE: GOO	3 1 2413371
6 6	The companies of the control of the	, i

1 filment attendentation in	e destruction of the state of t	the median for most or	ารากา กรัตร์นักติ	F POWER SYSTEMS	MARAD	arman illimite h	LITTLE CONTROL OF	PAC	SF 81
AREA; FREE	BOARD	SI-	IIPS PAINTS/	COÀTTÑGS PERFOI	RMANCE'' SÚMA	IARY	e Solutarys varios for the six a list for these	TO	0714/78
TYPE	TKADE	ÂRE	A/SYSTEM """	E POWER SYSTEMS COATINGS PERFOR SURFACE PREPARATION SSACTSP#10	SYSTEM	FILM S	HIP PERFOR	MANCE AT LON	Strong Marie 1 and the
11 12 BULK 1 1	NU. TATLANTIC:	EREEBOARD	•	SSRC TSP #10	3.0 YRS	The Contract of the Contract o		ar row. Strictly and	Apple 2019
16 policies de la constant de la con	ليا و المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع والمنطق والمراجع المراجع	CHATZ: ER	DXY ROLYAMI	C.OTHER DE DEMARKARIA		2.0 MILS	GENERALZARE	EARANCE 111	រល់វិធានរង្គ
14	WORLD WIDE	FREEBOARD		SAND SWEEP				ŧ.	:
20	n an amagement policines in symptomers	PRIMERA E ÇOATA: ER	OXY POLYAMI	DEMANAGEMENT COMME		2.0 MIL'S	CORROSION &	ILURE:	103
23				DE SEES SPECTS DE LO					
25 ⁴									107
28 1777 25 1778	THE STATE OF SECTION OF SECTION	ETACOS	LORINATED RI	UBBER UBBER UBBER <i>ISMEN IMP</i>		4.0 MILS	SCOATING FA	ILURE:	OT AIRWEE
30. TANKER	SOUTH PACIFIC.			\$\$PC=\$P=10	3.5. YB\$				∴ ⊊
32 Autobilian Distriction 114	NORTH PACIFIC	PRIMER: EP	OXY. POLYAMI		MALARA IE W	2.0 MILS	CORROSION:	TIURF:	07 320
34				DE			REMERAL APP		
3) '				MANASAC MSB # 10					
	NORTH PACIFIC	COATZ: FP	DXY POLYAMI	de seurentale in mai	valoria de la composición del composición de la	4.0 MILS	CORROSION:	ILURE:	10% 10% 2000 - 200
41	. WORLD WIDE .			SSPC-SPE10		· · · · · · · · · · · · · · · · · · ·	r menne fra ha ha mende de les els	POB WINNESS	
43	4	PRIMER: ER	DXY . BOLYAMI	DE MANAGEMENT		2.0 MILS	#COREOSION:		103474
46	a transfer of the second	COATS EP	DXY: POLYAMI	DE		2:0 Mils	GENERAL APP	EARANCE;	300D
49				A SEE SROWSBELO			BETRALO ACTUAL A.	Parlandanismo.	u. Grander
50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SO. ATLANTIC CARIBBEAN MEDITERRANEAN	PRIMERI ZI CUATZ: GP	NC. ORGANIC OXY. PALYAMII	É. L. M. B. L. L. L. L. L. L. L. L. L. L. L. L. L.		O MILS	*CORROSION: *COATING EA	ILUBE:	0% 10%
53 '	MEDITERKANEAN. NO. ATLANTIC .		KYW brank water	SSRC-SP-1Q		Q.MILS.	GENERAL TAPP	EARANGET:	FAIRLEGE
55 56 Editor Main 27 27	NOR BILANTIC	PRIMER: ZI	NC . INORGANI	C.SELECURE:SOLV	ENT BASE'	3.0 MILS	# #CORROSION:	John Sycamore	102 .4.8
58	,	COAT 2: CF	LURINATED RI LURINATED RI	C.SELECURE: SOLV		2.0 MILS 2.0 MILS	REMATING FA	ILURE:	OZ FAIR
59 60 IT ANKER	NO. ATLANTIC'S	FREEBOARO	· · · · · · · · · · · · · · · · · · ·	LAM SAND SWEER	. 1.6 .YRS.		Little No. Pall Beach	grand and the de-	State of the State
62 °C		PRIMER: ZI	NC.INDRGANIO	C. OTHER DE DE LYDERES MARKET		3.0 MILS	*CORPOSION:	ILURE:	10%
64	ام در ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و ۱۹۰۱ و	CUATA: LEP	nxy;bucyxmii	de and decimal and the second	atilia la la la la la la la la la la la la la	.210.MICS.	GENERAL" APP	ĒĀŘANČE: (รัต้ดีอาจา

A STATE OF THE STA

\	AREA: FREEHHARD	OFF SHOP S IPS PAINTS?	E POWER SYSTEMS / MARAD COATINGS PERFORMANCE SUM	MARY	PAGE 82 10/14/78
	TYPE TRADE OF SHIP ROUTE ORY CARGO NO. ATLANTIC	AREA/SYSTEM	SURFACÉ SYSTEM PREPARATION AGE	FILM SHIP F	ERFORMANCE EVALUATION
13 14 15 15	TORY CARGO NO. ATLANTIC	PRIMER; ALKYD CDATZ;	SSPC-SP-6 UK YRS	2.0 MILS %CORRO MILS %COATI	SION: 10% NG FAILURE: 10% LLARPEARANCE: GOOD 364
10	TANKER SOUTH PACIFIC	FREEBOARO	1 SSPC#SP=10 UK,YRS		
20 21 22 23 24	And the second s	. ČÖÄTŠI ÄLKYÖ . COATŠI ALKYÖ; SILICON COATŠI ALKYÖ; SILICON	elas accidinatas antangonas antangonas. Pagangan	210 MILS GENERA 210 MILS	ISION: NG FAILURE: 10% NL APPEARANCE: GOOD
25 26 27	IDBO SOUTH PACIFIC	FREEBOARD	H.R. WASH, 1.75 YRS		A Control of the Cont
29 30 31 + 32	PRY CAPGO NO. ATLANTIC	PRIMER: COATZ: COATZ: COATZ: EPOXY:POLYAMI COATZ: FPOXY:POLYAMI		U K MILS TORRO U K MILS TOATI 2.0 MILS GENERA 2.0 MILS	SION: 107 NG FAILURE: 107 L APPEARANCE: FAIR
34 35 36 36 31	DRI CAPOO MAR ALLANIE	PRIMER; ZING, INDEGANI COATZ: VINYL ACRYLIC COATZ: VINYL ACRYLIC COATZ: VINYL ACRYLIC	FISELFGUREISOLVENT PASE	2.5 MILS *CORKO 1.5 MILS *COATI 2.0 MILS GENERA 2.0 MILS	SION: NG FAILURE: 1000 L APPEARANCE: GOOD
40	DRY CARGO LUSOUTH PACIEIC	MFREEBOARO Land Chi	.3/43 S SRC - SR - 10. 61 6. 12. YR S. 63		elecalitation desiration.
42 43 44 45 46	NURTH PACIFIC GARIBBEAN	MUNITY AUDIN	BEARANT IMPARTEURARAN CAPALAN	3.5 MILS &CORRO 3.5 MILS &COATI 3.0 MILS GENERA 3.0 MILS	SION: 10% NG FAILURE: 10% L. APPEARANCE: 180000
47 48 49 50 51	DBÝ CARGII NO. ATLANTIC SO. ATLANTIC MEDITERRANEAN	PRIMER; EPOXY, ESTER	H.P. WASH UK YRS	1.7 MILS KOORRU 1.7 MILS KOORTI 1.7 MILS KOORTA	SIUN: 10% NG FAILURE: FAIR
52) 53 54	TANKER SO, ATLANTIC	FREEHOARD	H.P. WASII I YRS	06	The state of the s
55 58 57	denied to state as a side of the state of th	PRIMER; EPLXY ESTER COATZ: ALKYO	materialist for discontinuous on but the bound of the state and	2.0 MILS %CORPO 1.5 MILS %COATI	SION: 10% NG FAILURE: TWO 10% MEANS LAPPEARANCE: GOOD
55 60	TANKER WORLD WIDE	FREEBOARD	H.P. WASH 1 YES	on and all and an analysis at the	Control of the property of the second
61 62 63 64 65		PRIMER: CHLORINATED RI COAT2: CHLORINATED RI COAT3: CHLORINATED RI COAT4: CHLORINATED RI	H.P. WASH 1 YPS UBBER UBBER UBBER UBBER	3.0 MILS &CORRO 3.0 MILS &COATI 1.5 MILS GENERAL 1.5 MILS GENERAL	SIUN: 5% NG FAILURE: 10% L APPEARANCE: GOOD
66 68	e e company de la company de l	· · · · · · · · · · · · · · · · · · ·	ner ger av verskepterentere ettersteller ettersteller ettersteller ettersteller et bestaller ettersteller ette Som ettersteller ettersteller ettersteller ettersteller ettersteller ettersteller ettersteller ettersteller et	E Will der Brigger De ign Spill with the Royal	And the state of t

一	OFFSHURE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFURMANCE SUMMARY 10/14/78	
Υ ¦	AREA: FREEHUARD TYPE TRADE AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	
1 1 1	TANKER TO NOT ATLANT CLIFREEBOARD TO THE PROPERTY OF THE PROPE	' -
1 1 1 2	TANKER / NO. ATLANTIC TEREBOARD IN SSPC-SR-6 2 YRS IN IN A WAR	
2 2 2 2 2	CARIBBEAN TO PRIMER: CHLORINATED BUBBER 4.0 MILS ROBROSION: A COMILS	
2 2 2 2 2 2	PRIMER: EPOXY POLYAMIDE 2.0 MILS *CORROSION: 15% 15% 15% 15% 15% 15% 15% 15% 15% 15%	3.
+ ,	R'M'R: ZINC.INORGANIC'S ELECURE'S OLVENT BASE 2 2 5 MILS CORROSIONIDE 157 157 157 157 157 157 157 157 157 157	ž.
3	ANKER UNKNOWN B BOARD SSBC SR OF UKYRSTET STATES OF SCORROSION: 15% PRIMER: ZINC, INCREANIC, SELFCURE, SOLVENT BASE 3.0 MILS **CORTING FAILURE: 15% COATE: WASH PRIMER 15% COATE: WASH	T. L.
4 4	TANKER I MEDITERRANEAN FREEBOARD U.K. YRS U.K. Y	
4	TANKER LENGT ATLANTICE FREEBOARD ALKYD	
5 5 5	PRIMER: COATE: ALKYD 153 COATE: ALKYD 153 TANKER NO. ATLANTIC FREEBOARD 4.0 YRS	
-	PRIMER: ZINC. THORGANIC: SELECURE SOLVENT BASES 3.0 MILS ZCOBROSION: TO THE STATE OF THE STATE O	
	TANKER WORLD WIDE FREEDOARD SSPC-SP-3 1.0 VRS	1,
5	PRIMER: ALKYD COATS: ALKYD COAT	

SHIPS PAINTS/CHATINGS PERFURMANCE SUMMARY

ERFEBUARD ARFA:

$\langle \gamma \rangle$	AREA: FREE	BOAPD		•	
11	TYPE OF SHIP	TRADI: ROUTE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
17 17	SMALL CRAFT	NO. ATLANTIC	FREEBUARD	SAND SWE E . UK YRS	ပ 9
14 15 16 17	(· 5 · 1 ·	SO. ATLANTIC	PRIMER: EPOXY, ESTER COAT2: FPOXY, ESTER COAT3: EPOXY, ESTER COAT5: ALKYD COAT5: ALKYD		1.7 MILS %CORROSION: 15% 1.7 MILS %COATING FAILURE: 15% 1.7 MILS GENERAL APPEARANCE: POOR 1.7 MILS 1.7 MILS
20	DEY CARGO	CARIUBEAN	FREEBOARD	H.P. WAS JIK YRS	22i
2 22 23 24	2		PRIMER: CHLORINATED RUBBI COATZ: CHLORINATED RUBBI COATZ: CHLURINATED RUBBI	R R ER	2.5 MILS %CORRUSION: 15% 2.5 MILS %COATING FAILURE: 15% 1.7 MILS GENERAL APPEARANCE: GOOD
26	NAVY	SOUTH PACIFIC	FREEBOARU	SSPC-SP-10 UK YRS	
26 29	} i	WEST INDIES NO. ATLANTIC SO. ATLANTIC NORTH PACIFIC	PRIMER: ZINC, INDRGANIC, SICUAT2: FPOXY, POLYAMIDE CDAT3: EPOXY, POLYAMIDE COAT4: ALKYD, SILICONE COAT5: ALKYD, SILICONE	ELF CURE.WATER BASED	3.0 MILS *CORROSION: 15* 3.0 MILS *COATING FAILURE: 15* 3.0 MILS GENERAL APPEARANCE: GOOD 2.0 MILS 2.0 MILS
34	NAVY	SOUTH PAC FIC	FREEDOARD	SSPC-SP-10 3.0 YRS	
37 38 39		NORTH PACIFIC	PRIMER: ZINC, INDRGANIC, SICOATZ: FPDXY, POLYAMIDE GDAT3: ALKYD, SILICONE GDAT4: ALKYD, SILICONE		3.0 MILS %CORROSION: 2.0 MILS %COATING FAILURE: 15% 2.0 MILS GENERAL APPEARANCE- FAIR 2.0 MILS
41	: !.TANKER `	NU. ATLANTIC		SSPC-SP-10 UK YPS	and the second of the second o
45	1		PRIMER; EPOXY, POLYAMIDE COAT2: EPOXY, POLYAMIDE COAT3: VINYL	,	2.0 MILS %CORROSION: 15% 2.0 MILS %COATING FAILURE: 15% 1.5 MILS GENERAL APPEARANCE: GOOD
47	TANKER	NO. ATLANTIC	FREEBIJARD	SSPC-SP-6 UK YRS	
45 58 51) 1		PRIMER: ZINC, INURGANIC, SECONTZ: POLYVINYL CHLURIC		3.0 MILS *CORROSION: 5% 1.0 MILS *COATING FAILURE: 15% 2.0 MILS GENERAL APPEARANCE: GOOD
53 54	DRÝ CARGO	NO. ATLANTIC	FŘEEBDARD		
55 58 57			PRIMER: 710C, INORGANIC, O'COAT2: EPUXY, POLYAMIDE COAT3; FPOXY, POLYAMIDE	LITER	3.0 MILS %CORPOSION: 25% 2.0 MILS %COATING FAILURE: 25% 2.0 MILS GENERAL APPFARANCE: FAIR
59 60		WORLD WIDE		SAND SHEEP 0.75 YRS	
61 62 63 64			PRIMER: FPDXY, POLYAMIDE COAT2: EPDXY, POLYAMIDE COAT3; FPDXY, POLYAMIDE	• •	2.0 MILS *CORROSION: 5% 2.0 MILS *COATING FAILURE: 25% 2.0 MILS GENERAL APPEARANCE: FAIR
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S PS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA; IREE	BUARD	3 1-3 PATHI 37 COATTHOS TENT ON MACE SOMMAN	10/11/10
TYPE OF SHIP	TRADL ROUTE	AREA/SYSTEM SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION	*
DRY CARGO	NU. ATLANTIC	FREEBUARD SSPC+SP-6 UK YRS	
		PRIMER: ZINC, INDRGANIC, SELFCURE, SCLVENT BASE 3.0 MILS &CORROSION: COAT2; FPOXY, OTHER 2.0 MILS &COATING FAILURE; COAT3; EPOXY, OTHER 2.0 MILS GENERAL APPEARANCE:	25% 25% _ FAIR
BARGE	UNKNOWN	FREEBOARD SSPC-SP-6 UK YRS	
) , 	·	PRIMER: ALKYD COATZ: ALKYD COATA: ALKYD COATA: ALKYD COATA: ALKYD FREEHOARD UK YRS MILS *CORROSION: 2.0 MILS *CORROSION: 2.0 MILS *CORROSION: 2.0 MILS *CORROSION: 2.0 MILS *CORROSION:	25% 25% FAIR
TANK ER	MURTH PACIFIC	FREE HOARD UK YRS	· · · · · · · · · · · · · · · · · · ·
		COAT2: CHLORINATED BUBBER	- 25% POOR
DRY CARGO	NO. ATLANTIC	FREEBUARD SSPC-SP-6 UK YRS	S. S. Late
1	•	PRIMER: CHLURINATED RUBBER COAT 2: CHLORINATED RUBBER FRLIBOARD SSPC-SP-5 UK YRS 3.0 MILS #CORROSIUN: GENERAL APPEARANCE:	25% 25% FAIR
TANKER	SU. ATLANTIC	FREEBOARD SSPC-SP-5 UK YRS	r o - m "Volumen actions but
Nan arang atau		PRIMER: 71NC.INDRGANIC.SELFCUFE, SULVENT HASE 4.0 MILS 3CORROSION: CHLORINATED RUBBER 4.0 MILS 3CORROSION: 4.0 MIL	15% 25% FAIR
TANKER	SQ. ATLANTIC	FREEBOARD SSBC7SR#6 UK YRS	والمحسيب الأ
		PRIMER: ZINC, INDRGANIC, SELFCURE, SOLVENT BASE 4.0 MILS *CORROSION: COAT2: CHLOPINATED RUBBER 4.0 MILS *COATING FAILURE: COAT4: CHLORINATED RUBBER 4.0 MILS *GENERAL APPEARANCE: COAT4: CHLORINATED RUBBER 4.0 MILS *GENERAL APPEARANCE:	15% 25% FAIR
TANKER	\$0, ATLANTIC	FREFHUARD SSPC-SP-5 UK YRS	
l i		PRIMER: ZINC, INURGANIC, SELFCURE, SOLVENT BASE COAT2: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER COAT4: CHLORINATED RUBBER COAT4: CHLORINATED RUBBER COAT4: CHLORINATED RUBBER COAT4: CHLORINATED RUBBER COAT4: CHLORINATED RUBBER	15% 25% FATR
TANKEK	HU. ATLANTIC	FREEBOARD SSPC-SP-6 UK YRS .	
) ") ' } {		PRIMER: ZINC. INORGANIC. SELFCURE. SOLVENT BASE 3.0 MILS #CORROSTON: COAT 2: VINYL 45.0 MILS #COATING FAILURE: COAT 3: ALKYD. MODIFIED ACRYLIC 2.0 MILS GENERAL APPEARANCE:	25% 25% FAIR

OFFSHOPL POWER SYSTEMS / MARAD SHIPS PAINTS/CCATINGS PERFORMANCE SUMMARY

ς``	AREA: FREE	BOARO	3111 3 1 X 111 3 7 0 GA		•				,
11	TYPE UF SHIP	JRADE ROUTE	ARFA/SYS JEM	SURFACE SYSTEM PREPARATION AGE	FILM	•	SHIP P AGE	ERFURMANCE EVALUATION	
i:	TANKER	UNKNOWN	FREEBOARD						
1: 1: 1:			PRIMER; ZINC, ORGANIC COATZ; CHLORINATED RUBB COAT3; CHLORINATED RUBB COAT4; OTHERS		600 M		%CORRO ₩COATI .GENERA	SION: NG FAILURE: L'APPEARANCE:	15% 25% FAIB
11		SU. ATLANTIC	FREEBOARD	SSEC-SE-TO OK ABS					.9
20 20 20 20 20 20 20 20 20 20 20 20 20 2			PRIMER: ZINC, INURGANIC, SI COATZ: CHLORINATED RUBB COATZ: CHLORINATED RUBB COATA: CHLORINATED RUBB	ELFĆURE, SOLVENT BASÉ ER ER	3.0 M 4.0 M 2.0 M	I L S I L S I L S	#CORRO #COATI GENERA	SION: NG FAILURE: L APPEARANCE;	15% 25% FAIR
- 4		NU. ATLANTIC	FREEBOARD				υ8		
2: 31	} '	ENG. CHANNEL	PRIMER: EPOXY, ESTER						
+ 37	CONTAINER	NO. ATLANTIC	FREEBOARD	.SSPC.ESR=6UK YRS.	e can expresse to		, 	e Paul wa musa no alak a sa sa Samigandon	a series in
3: 3:			PRIMER; ALKYD COAT2; ALKYD CDAT3; ALKYD		20 M 20 M 20 M		%CORRO %COATI GENERA	SIUN: NG FAILURE: L APPEARANCE:	25% 25% EATR
31			FREEBUARD .						
46			PRIMER: ZINC.INORGANIC.O COATZ: FPOXY, POLYAMIDE CUAT3: EPOXY, PULYAMIDE	THER	2.0 M 2.0 M	ILS. ILS	ZCORRO ZCOATÍ GENERA	SION: NG FAILURE: L APPEARANCE:	158 503 POOR
44	BULK	NO. ATLANTIC.	FREEBOARD					en en en en en en en en en en en en en e	of the party of the second disconditions.
41 41 41	a i			explore to the dot of them to effect the second of the sec		ILS ILS ILS	#CORRO #COATI GENERA	SION: NG FAILURE: L'ARPEARANGE:	50% 50% PQQR
5 1			FREEBOARD						
57 57 58		•	PRIMER: EPOXY:POLYAMIDE COAT2: FPOXY;COAL FAR				#CORRU #COATI GENERA	SION; NG FAILURE: L APPEARANCE:	50% 50% FAIR
56	TANKER	UNKNOWN .		SSBCHSRHS. UK YRS				0 for 400 to 5	الإناب يونونون الإنابة الإنابة الإنابة الإنابة الإنابة الإنابة الإنابة الإنابة الإنابة الإنابة الإنابة الإنابة
51 55 60 6		••	PRIMER: ZINC, INDRGANIC, SICOAT?; CHLORINATED RUBBICOAT4; FPOXY, ESIFR	ELF GURE, WATER BASED FR ER	3.0 M 2.0 M 2.0 M 2.0 M		*CORRO *COATI GENERA	SION: NG FAILURE: L APPEARANCE:	50% 50% EAIR.
63	SMALL CRAFT	GULF DE MEX.	FREEBOARD	\$\$P\$-\$P-10 2.75 YR\$					
61 61	•		PRIMER: ZINC, INORGANIC, O COAT2: FPUXY, POLYAMIDE COAT3; ALKYD	ŢHĒR "' · · · · · · · · · · · · · · · · · ·	2.U M	ILS	COPRO COATI GENERA	SION: NG FAILURE: L APPEARANCE;	50% 50% POOR

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SYSTEM ARI-A/SYSTEM SURFACE FILM SHIP PERFORMANCE TYPE TRADE PREPARATION. TH. CK. AGE **EVALUATION** OF SHIP ROUTE FREEBOARD SSPC-SP-10 4.0 YRS CONTAINER NO. ATLANTIC PRIMER: ZINC, INORGANIC, SELFCURE, SOLVENT BASE COATZ: CHLORINATED RUBBER COATZ: CHLORINATED RUBBER. 50% 3.0 MILS %CORRUSION: 2.0 MILS TONATING FAILURE: 50% 2.0 MILS GENERAL APPEARANCE: POOR 15 1 16 . SAND SWEEP 1.2 YRS ND. ATLANTIC REEBDARD TANKER PRIMER: CHLURINATED RUBBER COAT2: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER 2.0 MILS %CORROSION: 50%
2.0 MILS %COATING FAILURE: 50%
1.5 MILS GENERAL APPEARANCE; POOR SSPC-SP-6 FREEBOARD UK YRS 24 'RO+RO NO. ATLANTIC 1.5 MILS %CORROSION: 50% 1.5 MILS %COATING FAILURE: 50% 2.0 MILS GENERAL APPEARANCE: FAIR & 2.0 MILS PRIMER: ALKYD 27 : COAT2: ALKYD 28 ALKYD, SILICONE CDAT3: ALKYD, SILICONE SAND SWEEP 1.5 YRS TANKER MUDITERPANEAN FREEBUARD 32 . 2.0 MILS **CORRUSION: 50*
2.0 MILS **COATING FAILURE: 50*
2.0 MILS GENERAL APPEARANCE: POOR PRIMER: ALKYD COAT 2: ALKYD COATS: ALKYD SSPC-SP-6 UK YRS TANKER NO. ATLANT C FRELUCARD 3..0 MILS *CORPOSION: 50%
2..0 MILS *COATING FAILURE: 50%
2..0 MILS GENERAL APPEARANCE: FAIR
2..0 MILS PRIMER: OTHERS CHLORINATED RUBBER . CHLORINATED RUBBER . CHLORINATED RUBBER COAT3; TANKER . WORLD WIDE FREEBOARD . H.P. WASH 1 YRS Q 1.7 MILS %CORROSION: 25%
1.7 MILS %COATING FAILURE: 50%
1.5 MILS GENERAL APPEARANCE; POOR PRIMER: EPOXY.ESTER COAT2: EPOXY.ESTER COAT3: ALKYD 47 . 48 ' SSPC-SP-1Q NO. ATLANTIC FREEBOAKD UK YRS NAVY 4.0 MILS &CORROSIUN: 1%
4.0 MILS &COATING FAILURE: 50%
4.0 MILS GENERAL APPEARANCE: GOOD NORTH PACIFIC PRIMER: EPOXY.POLYAMIDE COATZ: POXY PULYAMIDE COATZ: FPOXY POLYAMIDE BULK NU. ATLANTIC FREEDUARD 1.25 YRS 1.5 MILS &CURRUSION: 75% MEDITERRANEAN PRIMER: ALKYD 1.5 MILS &COATING FAILURE: 75% 1.5 MILS GENERAL APPEARANCE: POOK COAT2; ALKYD COAT3: ALKYD 62 BULK NO. ATLANTIC FREEBOARD SSPC-SP-10 0.75 YRS 63 . 1.5 MILS %CORROSION: 75% 1.5 MILS %COATING FAILURE: 75% 1.5 MILS GENERAL APPEARANCE; UNSAT. MEDITERBANEAN PRIMER: ALKYD COATZ: ALKYD

OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

FREEBOARD

10 11	OF SHIP	TRADE ROUTE	ARTA/SYSTEM.		STEM AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION	
12	SMALL CRAFT	NURTH PACIFIC	FREEBOARD	SSPC-SP-10 1.75	YRS		
14 15 16			PRIMER; ALKYD CDAT2; ALKYD			2.0 MILS %CORROSION: 25% 2.0 MILS %COATING FAILURE: 75% GENERAL APPEARANCE: POOR	
18	FANKER	SQ. ATLANTIC	FREEUNARD	SSPC-SP-6 UK	YRS		•
20 21 22 23			PRIMER: CHLORINATED COA12: CHLORINATED COAT3: ALKYD	RUBBER		4.0 MILS *CORROSION: 25% 4.0 MILS *COATING FAILURE: 75% 3.0 MILS GENERAL APPEARANCE: POOR	
	CONTAINER	NO. ATLANTIC	FREEBOARD	SSRC#SR-6 UK	YRS	The state of the second	
26 27 28	i		PRIMER: ALKYD COATZ: ALKYD CUAT3: ALKYD	••		2.0 MILS %CORROSION: 90% 2.0 MILS %COATING FAILURE: 90% 2.0 MILS GENERAL APPEARANCE: POOR	

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OFFSHORE POWER SYSTEMS / MARAD
SHIPS PAINTS/CUATINGS PERFORMANCE SUMMARY
AREA: EXTERIOR DECKS SURFACE SYSTEM FILM SHIP PERFORMANCE PREPARATION AGE THICK. AGE EVALUATION TYPE OF SHIP AR FA/SYS TEM TRADE ROUTE SSPC-SP-S EXTERIOR DECKS 3 YRS TANKER NO. ATLANTIC PRIMER: CHLURINATED RUBBER
COAT 2: CHLORINATED RUBBER
COAT 3: CHLORINATED RUBBER
COAT 3: CHLORINATED RUBBER
3.2 MILS %COATING FAILURE: 04
COAT 3: CHLORINATED RUBBER
1.6 MILS GENERAL APPEARANCE: EXCELL* SU. ATLANTIC CARTBUEAN SSPC-SP-10 2.0 YRS NU. ATLANTIC EXTERIOR DLCKS PRIME: ZING. | NORGANIC. SELFCURE. SOLVENT BASE 3.0 MILS **CORROSION: 0% ON TEN NATED RUBBER 2.0 MILS **COATING FAILURE: 0% CHAI3 CHLOR NATED RUBBER 2.0 MILS GENERAL APPEARANCE: EXCELL PRIMER: ZINC, INORGANIC, SELFCUKE, SCLVENT BASE 3.0 MILS & CORROSION: 0% COAT2: CHLOFINATED RUBBER 2.0 MILS & COATING FAILURE: 0% COAT3: CHLORINATED RUBBER 2.0 MILS GENERAL ARREARANCE: GOOD 30 TANKER EXTERT R DECKS SSPC-SP-10 0.7 YRS WURLD WIDE PRIMER: FINC, INURGANIC, SELECURE, SOLVENT HASE 3.0 MILS #CORROSION:
COAT 2: VINYL
COAT 3: VINYL
COAT 4: VINYL
COAT 4: VINYL
COAT 4: VINYL
SPC-SP-5 2 YRS

02 TANKER PRIMER: CHLORINATED RUBBER
COAT2: CHLORINATED RUBBER
COAT3: CHLORINATED RUBBER
1.6 MILS COATING FAILURE: OR CELL. SO ATLANTIC PRIMER: CHLOR NATED RUBBER
CHAT2: CHLOR NATED RUBBER
CHAT2: CHLOR NATED RUBBER
CHAT3: CHLOR NATED RUBBER
CHAT3: CHLOR NATED RUBBER
CHAT3: CHLOR NATED RUBBER
1.5 MILS GENERAL APPEARANCE: EXCELL. PURY CARGO ENG. CHANNEL NO. ATLANTIC EXTERIOR DECKS SSPC-SP-10 2.0 YRS 49 BUEK PRIMER: ZINC, NORGANIC, OTHER
COATZ: EPOXY POLYAMIDE
COATZ: EPOXY POLYAMIDE
COATZ: EPOXY POLYAMIDE
2.0 MILS **CORROSION:
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3.0 MILS ** FX ER LR DECKS 55 BULK \$\$PC-\$P-10 1.0 YRS MII. A LANT C 3.0 MILS *CORROSTON:
2.0 MILS *COATING FAILURE: 1%
2.0 MILS GENERAL APPEARANCE: GOOD PRIMER: 71NC, INGRGANIC, OTHER COAT2: EPOXY, POLYAMIDE COAT3: FPUXY, PULYA 1 DE NOR H PACIFIC EXTERIOR DECKS "SSPC-SP-10 2.0 YRS" TANKER PRIMER: ZINC, INDRGANIC, OTHER
COAT2: CPOXY, POLYAMIDE
COAT3: EPOXY, POLYAMIDE
2.5 MILS #CORROSION:
2.0 MILS #COATING FAILURE: 17
2.0 MILS GENERAL APPEARANCE: EXCELL.

1	* WZCV+ - FVIP	WIND MECKS		,			
i	TYPE OF SHIP	TRADE ROUTE	AP EA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHI PERFORMANCE AG E EVALUATION	
į	DRY CARGO	UNKNOWN	EXTERIOR DECKS	SSBC-SP-10 UK YRS			
1 1: 1:	3 4 5 : 6 ,		PRIMER: ZINC, URGANIC COATZ: CHLORINATED RUBBI COAT3: CHLORINATED RUBBI COAT4; CHLORINATED RUBBI	ER R	3,,0 MILS 3,,0 MILS 3,,0 MILS	S *CORROSIUN: S *COATING FAILURE: S GENERAL APPEARANCE S	1% 1% EXCELL
1	ANKER	PERSIAN GULF	EXTERIOR DECKS	\$\$PC-\$P-10 2.5 YB\$			
2 2 2 2 2	1 2 3 4		PRIMER; ZINC, INDRGANIC, SI CDAT2: ZINC, INDRGANIC, SI CDAT4: EPOXY, ESTER COAT4: EPOXY, ESTER COAT5; EPOXY, ESTER	LE CURE, WATER BASED	0.8 MIL: 3.0 MIL: 1.6 MIL: 1.6 MIL:	S #CORROSION: S #CUATING FAILURE: S GENERAL APPEARANCE S	EXCERT 08
	TANKER	NORTH PAC F C	EXTERIOR DECKS	SSPC-SP-10 UK YRS			
2: 3: 3:	0	SU. ATLANTIC CARIBBEAN MEDITERRANCAN	PRIMER: 71NC.ORGANIC COAT2: EPUXY, POLYAMISE COAT3: FPOXY, UTHER		50 MILS 80 MILS 20 MILS	S &CORROSION: S &COATING FAILURE: S GENERAL APPEARANCE	1 % 1 % ‡ 6000
+ 3	BÄRGE	ND. ATLANIIC	EXTERIOR DECKS	SAND SWEEP 2.2 YRS		,	
36	,		PRIMER: FPOXY, POLYAMIDE COAT2: EPUXY, PULYAMIDE		8.0 MILS	S %CORROSION: S &COATING FAILURE: GENERAL APPEARANCE	1 % 1 % • 600 D
35	BARGE	MU. ATLANTIC	EXTERIOR DECKS	\$\$PC-\$P-10 3.0 YRS	,		,
47		• •	PRIMER; ZINC, INURGANIC, ON COAT2; EPOXY, POLYAMIDE	HER	3.0 MILS	S %CORRUSION: S %COATING FAILURE: GENERAL APPEARANCE	6000 1 % 1 %
4:	TANKER	S . ATLAN IC	EXTERIOR DECKS	\$\$PC-\$P-10 1.2 YR\$		•	-
41 41 49 50		PERSTAN GULF	PRIMER: ZINC, INDEGANIC, SECONT 2: VINYL CHAT3; VINYL ALKYD CHAT4; VINYL ALKYD	EFECTIVE SUFVEN VASE	3.0 MILS 1.5 MILS 1.5 MILS	S %CORROSIUN: S ZCOATING FAILURE: S GENERAL APPEARANCE S	0% 1% FAIR
52	BULK	NO. ATLANTIC	EXTERIOR DECKS	SSPC-SP-10 3.0 YRS			
56 56 56		SO. ATLANTIC	PRIMER: ZINC, INORGANIC, DI COATZ: EPUXY, POLYAMIDE COAT3: EPUXY, POLYAMIDE	THER	3. 0 MILS 2. 0 MILS 2.0 MILS	S %CORROSION: 5 %COATING FAILURE: 5 GENERAL APPEARANCE	5 ሄ 5 ሄ ፡ GOOD
51	TANKER	NURTH PACIFIC		SSPC-SP-10 2.0 YRS			
50 51 52 53	1 ?		PRIMER: ZINC, INURGANIC, OT COAl2: EPUXY, POLYAMIDE EPOXY, POLYAMIDE	THER	2.5 MILS 2.0 MILS 2.0 MILS	S %CORKOSION: S %COATING FAILURE: S GENERAL APPEARANCE	1% 5% • GOOD
•	,						
61	ţ						

.7 MILS **CORPOSION: 5%
1.5 MILS **COATING FAILURE: 5%
1.5 MILS GENERAL APPEARANCE; GOOD

+ 32 33

AREA: EXT	FR CR DECKS	SHIPS PAINTS/COA	TINGS PERFURNANCE SUI	MMARY		10/14/78
TYPE OF SHIP	TRADE ROUTE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM S	HIP PERFORMANCE AGE EVALUATION	
I ² IBARGE	NU. ATLANTIC	EXTERIOR DECKS	SSPC-SP-6 3.0 YRS			
3 4		PRIMER: WASH PRIMER COATZ: VARNISH COATZ: VARNISH COATZ: ALKYD		0.5 MILS 2.0 MILS 2.0 MILS 2.0 MILS	*CORROSION: *COATING FAILURE: GENERAL ARPEARANCE:	5% 5% . GOOD
TANKER	NO. ATLANTIC	EXTERIOR DECKS	\$\$PC-\$P-10 2 YRS			
1 2 3		PPIMER: ZINC, INORGANIC, O COAT2: EPOXY, OTHER COAT3: EPOXY, POLYAMINE EXTERIPR DECKS	THER	. 3.0 MILS 6.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE:	5% 5% EXCELL,
DRY CARGO	MURTH PACIFIC	EXTERIOR DECKS	SSPC-SP-10 2 YRS	4 # # F 17 W #	anne e i ni krene i rije i kri stri	
7 1 1		PRIMER: ZINC, INDRGANIC, O COAT2: EPOXY, OTHER	THER	3.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE:	1.3 52 7 6000
DRY CARGO	10. ATLANTIC	EXTERIOR DECKS	\$\$PC-\$P-10 1.5 YR\$			
4 5	CARIBBEAN GULF OF MEX.		ELFCUPE, SOLVENT BASE	3.0 MILS 4.0 MILS	%CORRUSION: %COATING FAILURE: GENERAL APPEARANCE:	5 % 5 % 6 0 0
TANKÉK	N . ATLÁNTIC	EXTERIOR DECKS	SSPC-SP-10 2.0 YRS	444	omen of his discret film is a little of the shippe of big	the transfer to a servente to
))		PRIMER: ZINC, INORGANIC, O COATZ: EPOXY, OTHER	THER	12.0 MILS.	CORROSIUN: COATING FAILURE: GENERAL APPFARANCE:	5% 5% GOOD
PRY, CARGO	NO. ATLANTIC	EXTERIOR DECKS	\$\$PC-\$P-10 5,0 YR\$	4 - 11 - 1		
5 · · · · · · · · · · · · · · · · · · ·		PRIMER: ZINC, INORGANIC, P. CUATZ: CHLORINATED RUBB COAT3: CHLORINATED RUBB COAT4. CHLORINATED RUBB	ÓST CÚRE TO ER ER ER LUCE A LU	2.5 MILS 4.0 MILS 4.0 MILS 5.0 MILS	%CORROSIUN: %COATING FAILURE: GENERAL APPEARANCE:	5% 5% ÇÖQQ
3 0 1		EXTERIOR DECKS				
2 : 3 : 4 :	NO. ATLANTIC	PRIMER: ZINC, INORGANIC, P. CUATZ: CHLORINATED RUBB COAT3: CHLORINATED RUBB COAT4; CHLORINATED RUBB	OST.CUBE	2.5 MILS 4.0 MILS 4.0 MILS 5.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE:	- 5% 5% 6000
_ SHING	NORTH PACIFIC		SSPC-SP-10 UK YRS		d to	, u .
9 0 1		PRIMER: ZINC, INURGANIC, S COATZ: EPOXY, POLYAMIDE	ELFCURE, SOLVENT BASE	2.0 MILS 5.0 MILS.	CORROSION: ZCOATING FAILURE: GENERAL APPEARANCE:	04 5% EXCELL.
BULK	NURTH PACIFIC	FXTEPIOR PECKS	.SSPC-SP-10 UK YRS		06	
*		z * 15-				

COAT2: COAT3: COAT4:

OFISHOPE POWER SYSTEMS / MAKAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA: EXTERIOR DELKS

71	AREA: EXTE					
9 10	TYPE OF SHIP	TRADE ROUTE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM SH THICK. A	IP PERFORMANCE GE EVALUATION
12	BARGE		EXTERIOR DECKS			
	!		PRIMER; WASH PRIMER COAT2; VARNISH COAT3; VARNISH COAT4: ALKYP	· · ·	0.5 MILS % 2.0 MILS & G	CORROSION: 5% COATING FAILURE: 5% ENERAL ARPEARANCE: GOOD.
19	TANKER	NO. ATLANTIC	EXTERIOR DECKS	\$\$PC-\$P-10 2 YRS		
20 21 22 23		•	PPIMER: ZINC, INORGANIC, COATZ: EPOXY, OTHER COAT3: EPOXY, POLYAMINE EXTERIOR DECKS	OTHER	. 3.0 MILS %	CORROSION: 5% COATING FAILURE: 5% ENERAL APPEARANCE: EXCEL
25	DRY CARGO	TINK HI PACIFIC	EXIEKTOR DECK2	221/r-21-10 5 1k2		
21 28 25			PRIMER: ZINC, INDRGANIC, COAT2: ERUXY, OTHER	DTHER	3.0 MILS &	CORROSION: 1% COATING FAILURE: 5% () ENERAL APPEARANCE: GOOD
31	DRY CARGO	NO. ATLANTIC	EXTERIOR DECKS	\$\$P\$-\$P-10 1.5 YR\$	<i>;</i>	and the second second
+ 33 34 35		CARIBBEAN GULF OF MEX.	PRIMER: ZINC, INDRGANIC, COATZ: EPUXY, POLYAMIDE	SELFCUPE, SOLVENT BASE"	3.0 MILS X 4.0 MILS X	CORRUSION: 5% COATING FAILURE: 5% ENERAL APPEARANCE: GOOD
31	TANKER	NO. ATLANTIC	EXTERIOR DECKS	" SSPC-SP-10 2,0" YRS"	y er in	management of the control of the state of the second of th
38 39 40 41	· · · · · · · · · · · · · · · · · · ·		PRIMER: ZINC, INORGANIC, COATZ: EPOXY, OTHER	OTHER	2.5 MILS &	CORROSION: 5% COATING FAILURE: 5% ENERAL APPFARANCE: GOOD
47	DRY, CARGO	NO. ATLANTIC	EXTERIOR DECKS	SSPC-SP-10 5,0 YRS	* - 16 - 18 × -	
45 46 47 48	1		PRIMER: ZINC, INORGANIC, COAT2: CHLORINATED RUB COAT3: CHLORINATED RUB COAT4: CHLORINATED RUB COAT4: CHLORINATED RUB	POST CURE BER BER BER	2.5 MILS % 4.0 MILS % 6.0 MILS	CORROSION: 5% COATING FAILURE: 5% ENERAL APPEARANCE: GOOD
50			EXTERIOR DECKS	\$\$PC-\$P-10 2,0 YRS		
52 53 54 55		NO. ATLANTIC	PRIMER: ZINC, INORGANIC, CUAT2: CHLORINATED RUB COAT3: CHLORINATED RUB COAT4; CHLORINATED RUB COAT4; CHLORINATED RUB	POST. CURE	4.0 MILS 8 4.0 MILS 6 5.0 MILS 6	CORROSION: 5% COATING FAILURE: 5% ENERAL APPEARANCE: GOOD
57	FISHING	NORTH PACIFIC	EXTERIOR DECKS	SSPC-SP-10 UK YRS		en en en en en en en en en en en en en e
59 60 61			PRIMER: ZINC, INUKGANIC; COATZ: EPOXY, POLYAMIDE			CORROSION: 04 COATING FAILURE: 5% ENERAL APPEARANCE: EXCEL
62 63 64	BULK	NURTH PACIFIC	EXTERIOR DECKS	.SSPC-SP-10 UK YRS	. (?) 6.
65 66 67 68	·		PRIMER: WASH PRIMER COAT2: FPGXY.ESTER	anch record and an armore modification of a second of an armore and a second of a second o	.7 MILS 2	CORPOSION: 5% COATING FAILURE: 5% ENERAL APPEARANCE; GOOD

AREA: EXTER	RIOR DECKS				
TYPE OF SHIP	TRÁDE ROUTE	AR FA / SYSTEM	SUPFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION
TANKER	SOUTH PACIFIC	EXTERIOR DECKS	SSPC-SP-10 2 YRS		* 100 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	··· · · · · · · · · · · · · · · · · ·	PRIMER: ZINC.INERGANIC.OR CUATZ: EPOXY, POLYAMIDE CUATZ: EPOXY, POLYAMIDE	THER	3.0 MILS 2.0 MILS 2.0 MILS	*CORRUSIUN: 5% COATING FAILURE: 10% GENERAL APPEARANCE: GOOD
		EXTERIOR DECKS	SSPC-SP-10 5.0 YRS		05
		PRIMER: ZINC.INDRGANIC.PC COATZ: FPOXY,POLYAMIDE COATZ: EPOXY,POLYAMIDE COATZ: ALKYO EXTERIOR DECKS	AST. CURE	3.0 MILS 2.0 MILS 1.5 MILS	*CORROSION; 10% 10
TÁNKÉR	NORTH PACIFIC	EXTERIOR DECKS	"\$`\$PÇ~\$P~10" 2 "YK\$"	e i ii cian ma matang	aan dahaabinda Abinisaankii qibo chasii iso — ya kongo ha sanci angkolaquushko ola' d
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	e e e e e e e e e e e e e e e e e e e	PRIMER; 7INC.INDRGANIC.OT COAT2: ERDXY.BOLYAMIDE COAT3: FPOXY.POLYAMIDE	THER	3.0 MILS 2.0 MILS NILS	#CORROSIUN: 5% #COATING FAILURE: 10% GENERAL APPEARANCE: FAIR
TANKER	SOUTH PACIFIC	EXTERIOR DECKS	SSPC-SP-10 UK YRS	,· •	, i sa sa sa sa sa sa sa sa sa sa sa sa sa
		FXTERIOR DECKS PRIMER: "ZINC, INORGANIC, SE COAT2: VINYL COAT3: ALKYD COAT4: ALKYD	ELFCURE, SIJL VĒŅT "HĀŞĒ""	3.0 MILS 2.0 MILS 2.0 MILS 2.0 MILS	*CORROSION: 58 *COATING FAILURE: 10% GENERAL APPEARANCE: GOOR
			SSPC-SP-10 UK YRS		
		PRIMER: ZINC. INURGANIC. SE COATZ: EPOXY, POLYAMIDE COATZ: ALKYD COATT: ALKYD	ELECURE SOLVENT BASE	3.0 MILS 3.0 MILS 2.0 MILS 2.0 MILS	CORROSION: 13 TO COATING FAILURE: 10% GENERAL APPEARANCE: GOOD
		EXTERIOR DECKS	SSPC-SP-TO 6 YKS	an manual for use a new miles.	i y no i servici populari i find no i completaria i na no moderante di paddeded nel primere presidente.
e es a su septembre de e	NORTH PACIFIC CARIBBEAN			3.5 MILS 3.5 MILS	*CORROSION: 10% *COATING FAILURE: 10% GENERAL APPEARANCE: GOOD
DRY CARGO	WURLD WIDE	EXTENTOR DECKS	HIP HASH UK YRS	•	
que u sant s			H.P. HASH NK YRS	1.5 MILS	*CORROSIUN: 10% *COATING FAILURE: 10% GENERAL APPEARANCE: FAIR
NÄVY ´	SOUTH PACIFIC	EXTERIOR DECKS	SSPC=SP-10" 3.0 YRS"	•	en in the contract of the cont
	NORTH PACIFIC	PRIMER: FPUXY, POLYAMIDE COAT2: EPOXY, POLYAMIDE		4.0 MILS	#CORRUSION: 10# #COATING FAILURE: 10# GENERAL APPEARANCE: FAIR
NAVY	SOUTH PACIFIC	CXTERIOR DECKS	SSPC-SP-fo 3.0 ABZ	*	
	NURTH PACIFIC	PRIMER: EPUXY, PULYAMIDE CHATZ: EPUXY, PULYAMIDE	m a dankan dang gili giyan yakilda kamir istiy di ki ki	4.0 MILS	"%CORROSIUN: 10% %COATING FAILURE: 10% GENERAL APPEARANCE: GOOD

7	AREA: EXTE	KIDR DECKS							
1	TYPE OF SHIP	ŔŎŨŦĒ	AR EA/SYS THM	SUPFACE PREPARATION	AGE	FILM THICK.	SHLP PERFOR	RMANCE JATION :	
i	NAVY		EXTERIOR DECKS				•	•	
1: 1: 1:	4 5 6 '	NORTH PACIFIC	PRIMER: EPOXY, POLYAMIDE COAT2; FPOXY, POLYAMIDE		•••	4.0 MILS	*CURROSIUN: *COATING F/ GENERAL APF	: NILURE: PEARANCE:.	10% 10% 6000
1:	NAVY	SOUTH PACIFIC	EXTERIOR DECKS	\$\$PC-\$P-10	3.0 YRS				
21	0 <u>1 </u>	NORTH PACIFIC	PRIMER; EROXY, POLYAMIDE. COAT2; FPOXY, POLYAMIDE.		, , , , , , , , , , , , , , , , , , ,	4.0 MILS	*CORROSION: *COATING F/ GENERAL APP	ILURE: PEARANCE:	10% 10% 4000 4000
2:	NAVY (L.	SOUTH PACIFIC	EXTERIOR DECKS	C SSRCHSP#10A	3.0 YRS		1 1		· • • • • • • • • • • • • • • • • • • •
2	5 6 7	NORTH PACIFIC .	PRIMER: EPUXY, POLYAMIDE COATS: FPOXY, POLYAMIDE			4.0 MILS 16.0 MILS	CORROSION: COATING FA GENERAL APP	I VILURE: PEARANCE:	10% 10% 600D
31	NAVY	NORTH PACIFIC	EXTERIOR DECKS	\$\$PC-\$P-10	3.0 YRS		03		
+ 33 33	1 2		PRIMER: EPOXY, POLYAMIDE COATS: CPUXY, POLYAMIDE			1.5 MILS	#CORKOSION: #COATING F/ GENERAL API	AILURE: PEARANCE:	10% 10% FAIR
3: 31	SATANKER	NORTH PACIFIC	EXTERIOR DECKS	\$\$PC-\$P-3	1 YB\$	2 7 h 4 5	,		W .
3: 3: 4:	, 9 0	<i>,</i>	PRIMER; EPANOL, PHENGXY COAT2; ALKYD	The same of the sa	a catalog and and	2.0 MILS	*CORROSION: *COATING FA GENERAL API	: Allure: Pearance;	5% 10% G000
4	I 2 TANKER	NU. ATLANTIC	EXTERIOR DECKS	SSPC-SP-10	2 YRS				
4	3 4 5 6		PRIMER: ZINC.INURGANIC.C	ITHER		2.5 MILS	*CORROSION: *COATING F/ GENERAL APE	AILURE: PEARANCE:	10% 15% 6000
. 4	TANKER	NO. ATLANTIC	EXTERIOR DECKS	- \$\$PC-\$P-10.	. 2 YB\$, , ,			
5 5 5	3 0 1 2		PRIMER: CHLORINATED RUBE COATZ: CHLORINATED RUBE	JER JER		2.0 MILS	S #CORROSION: #COATING F/ GENERAL API	: AILURE: PEARANCE:	15% 15% FAIR
5 5	3 ' 4 :TANKER	PERSIAN GULF	EXTERIOR DECKS	\$\$PC-\$P-10	4.0 YRS			•	
5 5 5 5	5 7 8 9	·	PRIMER: ZINC.ORGANIC COATE: CHLORINATED RUBB COATE: CHLORINATED RUBB COATE: CHLORINATED RUBB	JER JER JER		0.6 MILS 2.4 MILS 2.4 MILS 1.6 MILS	%CORROSIUN %COATING FA GENERAL API	AILURE: PEARANCE:	5% 15% FATR
	O CONTAINER	NO. ATLANTIC	EXTERIOR DECKS	SSPC-SP-10	5 YRS				
\$ \$	2 3 4 : 5		PRIMER: ZINC, INDRGANIC, S COAT2: CHLORINATED RUBE CCAT3: CHLORINATED RUBE	FLFCURE, SOLV			CORROSION COATING FA GENERAL API	i Allure: PÉARANCE:	15% 15% GOOD
6	1"''		•		••	``.	•		

آ لم	AREA: EXTE	RIOR DECKS					
9	TYPE OF SHIP	TRADE ROUTE	ARFA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
12	LNG	NO. ATLANTIC	EXTERIOR DECKS	SSPC-SP-10 2 YRS			
14 15 16			PRIMER: ZINC, INURGANIC, O COATZ: FPDXY, PDLYAMINE COAT3: EPOXY, POLYAMINE	THER	2.5 MILS 2.0 MILS 2.0 MILS	#CORROSIUN: 15 #COATING FAILURE: 15 GENERAL APPEARANCE: GO	ሄ መበ
17	FISHING	CARIBUEAN	EXTERIOR DECKS	SSPC-SP-10 4 YRS			
20 21 22	•		PRIMER: ZINC, ORGANIC CCAT2: EPUXY, POLYAMIDE COAT3: EPDXY, OTHER	,	3.5 MILS 3.5 MILS 4.0 MILS	CORROSION: 15 COATING FAILURE: 15 GENERAL APPEARANCE; PO	¥ V OR
23 24	NAVY .	SOUTH PACIFIC	EXTERIOR DECKS	SSRC#SP-10 . 3.0 YRS.	1	er en en en en en en en en en en en en en	
25 26 27 28		NORTH PACIFIC	PRIMER: FPOXY, POLYAMIDE COAT2: FPOXY, POLYAMIDE		4.0 MILS 16.0 MILS	CORROSION: 15 COATING FAILURE: 15 GENERAL APPEARANCE: FA	r ir
29 30	NAVY	SOUTH PACIFIC	EXTERIOR DECKS	SSPC-SP-10 3.0 YRS			
31 32 33 34	1	NURTH PACIFIC	PRIMER: EPOXY, POLYAMIDE EPOXY, PULYAMIDE	• • • • • • • • • • • • • • • • • • • •	4.0 MILS	%CORPOSION: 25 %COATING FAILURE: 25 GENERAL APPEARANCE: FA	¥ ÎR
35 36	TANKER.			SSPC-SR=10.3.25 YRS		 9	
37 38 39 40			PRIMER: ZINC.INORGANIC.PO	OST CURE	3.0 MILS	*CORPOSION: 25 *COATING FAILURE: 25 .GENERAL, APPEARANCE: FA	Z Ž IR
41 42	DRY CARGO	UNKNOWN	EXTERIOR DECKS	SSPC-SP-5 UK YRS			
43 44 45 46		*****	PRIMER: ZINC, INORGANIC, S	ELFCURE.SOLVENT BASE	3Q MILS	#CORROSION: 75 #COATING FAILURE: 75 GENERAL APPEARANCE: PO	% % OR
41	NAVY	NU. ATLANTIC	EXTERIOR DECKS	SSPC-SP-10 UK YRS	e source e e	ng dia mengangkan dia mengangkan dia mengangkan dia mengangkan dia mengangkan dia mengangkan dia mengangkan dia Kenanggan dia mengangkan dia mengangkan dia mengangkan dia mengangkan dia menjadah dia menjadah dia menjadah d	
50 51 52	• •	NORTH PACIFIC	PRIMER: EPOXY, POLYAMIDE COAT2: EPOXY, POLYAMIDE COAT3: EPOXY, POLYAMIDE.	water company of the first	4.0 MILS 8.0 MILS 4.0 MILS	CORROSION: 14 COATING FAILURE: 75 GENERAL APPEARANCE: GO	ሄ በD .
53 54	NAVY	WORLD WIDE	FXTERIOR DECKS	\$\$PC-\$P-10 3.0 YRS			
55 56 57 58 59			PRIMER: EPOXY.POLYAMIDE COATE: FPUXY.POLYAMIDE		2.0 MILS 6.0 MILS	%CURRUSIUN: 15 %COATING FAILURE: 90 GENERAL APPEARANCE: PO	ጃ ጀ በR
60 61	CONTAINER	NO. ATLANTIC	EXTERIOR DECKS	SSPC-SP-1 UK.YKS	Se a a to May walk I	4 ***	,
62 63 64			CDAIS: VEKAD beines: Vekad		2.0 MILS	CORROSION: 90 COATING FAILURE: 90 GENERAL APPEARANCE: PO	ž
65	•						

12

13

14

17 18 19

22 23 24

38 39

42 43

54 55

APEA: EXTERIUR DECKS

SURFACE SYSTEM SHILE PERFORMANCE ARFA/SYSTEM TYPE TRADI. THICK. AGE OF SHIP ROUTE PREPARATION AGE EVALUATION SSPC-SP-5 TANKER UK YRS EXTERIOR DECKS NO. ATLANTIC

PRIMER; ZINC, INDRUANIC, SELFCURE, SOLVENT BASE 3..0 MILS #CORROSION: 50# COAT2: EPOXY, POLYAMIDE 4..0 MILS #COATING FAILURE: 100% COAT3: EPOXY, POLYAMIDE 4..0 MILS #GENERAL APPEARANCE: FAIR

ARFA; EXTE	ekthu zabfrzika	CTURF			•
TYPE OF SHIP	TRADE ROUTE	AREA/SYSIEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION
12 TANKER	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE			
14 15 16		PRIMER: ZINC, INDRGANIC, COATS: EPDXY, POLYAMINE	THER	3.5 MILS	#CORROSION: 0# #COATING FAILURE: 0# GENERAL APPEARANCE: EXCE
TANKER	NO. ATLANTIC		S6PC-SP-5 3 YRS		03
20 ·	SO. ATLANTIC CARIBBEAN	PRIMER: LHLORINATED RUBE COAT2: CHLORINATED RUBE COAT3: CHLORINATED RUBE	BER 2 x 2 x x x x x x x x x x x x	3.2 MILS 2.4 MILS	%CORROSION: 0% / 0% / 0% / 0% / 0% / 0% / 0% / 0%
23 24 !TANKER	NURTH PACIFIC	EXTERIOR SUPERSTRUCTURE	. \$\$PC#\$8#10 \. 2.0 YR\$		and the state of the second
25 . 26 . 27 . 24 .		PRIMER: ZINC, INORGANIC, COATZ: EPOXY, POLYAMIDE COAT3: EROXY, POLYAMIDE	OTHER	2.5 MILS 2.0 MILS 2.0 MILS	%CORPOSION; O% O% O% O% O% O% O% O% O% O% O% O% O%
29 30 DRY CARGO — 31 ·	บทหมดพม	EXTERIOR SUPERSTRUCTURE			
32 .:		PRIMER: ZINC, ORGANIC COAT2: CHLORINATED RUBB COAT3: CHLORINATED RUBB COAT4: CHLORINATED RUBB	JER JER JER	10 MILS 30 MILS 30 MILS 30 MILS	*CORROSION: 2 0%2 *COATING FAILURE: 0% GENERAL APPEARANCE: EXCE
36 TANKER	NORTH PACIFIC	EXICKION JONENSINDEINNE	ううした_うし_fo		
39 40 <u>: </u>	SU. ÁTLÁNTIG CARIBBEAN MEDITERRANEAN	PRIMER; ZINC, ORGANIC COAT2: EPOXY, POLYAMIDE COAT3; ALKYD		50 MILS B0 MILS 20 MILS	CORPOSION: 02 COATING FAILURE: 02 GENERAL APPEARANCE: EXCE
	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE			2
43 CUNTAINER 44 45 46 47 48		PRIMER; ZINC, INORGANIC, S COAT2: CHLORINATED RUBB COAT3; CHLORINATED PURI	SELFCURE, SOLVENT NASE JER JEB	3.0 MILS 2.0 MILS 2.0 MILS	CORROSIUN: 0% COATING FAILURE: 0% GENERAL APPEARANCE: GOOD
49 TANKER 50	NO. ATLANTIC	•			, , , , , , , , , , , , , , , , , , , ,
51 52 51		PRIMER: ZINC, INURGANIC, COAT2: EPUXY, PULYAMIDE COAT3: EPOXY, POLYAMIDE	PTHER	2.5 MILS 2.0 MILS 2.0 MILS	*CORROSION: 0% *COATING FAILURE: 0% GENERAL APPEARANCE: EXCE
54 55 TANKER 56 57	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE	\$\$PC-\$P-5 2 YR\$		02
57 58 59 60	SO. ATLANTIC	EXTERIOR SUPERSTRUCTURE PRIMER: CHLORINATED RUBE COAT2: CHLORINATED RUBE COAT3: CHLORINATED RUBE	BER BER BEK	2.4 MILS 3.2 MILS 2.4 MILS	#CORROSION: 0% #COATING FAILURE: 0% GENERAL APPEARANCE: EXCE
DRY CARGO	ENG. CHANNEL	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 2 YRS		02
63 64 65		PRIMER: CHLORINATED RUBE COAT2: CHLORINATED RUBE COAT3: CHLURINATED RUBE	BER BER BER	3.0 MILS 3.0 MILS 1.5 MILS	CORPUSION: COATING FAILURE: 02 GENERAL APPEARANCE: GOOD

OFFSHURE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA: EXTERIOR SUPERSTRUCTURE

7	AREA; EXTE	RIOR SUPERSTRU	CTURE		
10	TYPF OF SHIP	TRADE ROUTE	AR FA/SYSTEM	SUPFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
12	DRY CARGO	SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE	H.P. WASH UK YRS	05
14 15 16			PRIMER; EPOXY, ESTER CHAT2; ALKYD COAT3; ALKYD		2.5 MILS %CORRUSION: O% 1.7 MILS %COATING FAILURE: O% 1.7 MILS GENERAL APPEARANCE: EXCE
11	NAVY	NORTH PACIFIC	EXTERIOR SUPERSTRUCTURE	3.0 YRS	03
20 21 22 23	1		PRIMER: WASH PRIMER COAT2: CPOXY, POLYAMIDE COAT3: ALKYD, SILICONE	+ B ₆ + 110	0.5 MILS %CORROSION: 4.0 MILS %COATING FAILURE: 0% 2.0 MILS GENERAL APPEARANCE: EXCE
24	CONTAINER	SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 5.0 YRS	
28	·		PRIMER; ZINC, INORGANIC, P COAT2: FPOXY, POLYAMIDE COAT3; ALKYO	POST CURE	3.0 MILS %CORROSION: 4.0 MILS %COATING FAILURE: 1% 1.5 MILS GENERAL APPEARANCE: GOOD
25 30 31		SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 1.0 YRS	
32 33 34 35		NORTH PACIFIC	PRIMER: EPOXY.POLYAMIDE COAT3: EPOXY.POLYAMIDE		2.0 MILS %CORROSION: 4.0 MILS COATING FAILURE: 1% 2.0 MILS GENERAL APPEARANCE: EXCE
36	TANKER		EXTERIOR SUPERSTRUCTURE		The second secon
38 39 46 41		NORTH PACIFIC	PRIMER: EPUXY.POLYAMIDE COATZ: EPCXY.POLYAMIDE .COATZ: EPOXY.ROLYAMIDE	The second complete in the second control of the second control of the second control of the second control of	2.0 MILS %CORROSION: 1% 4.0 MILS %COATING FAILURE: 1% 2.0 MILS GENERAL APPEARANCE: EXCE
	TANKER	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 2 YRS	,
44 45 46	1 · · · · · · · · · · · · · · · · · · ·		PRIMER: CHLORINATED RUBB COAT2; CHLORINATED RUBB	ER	2.0 MILS %CORROSION: 1% 2.0 MILS %COATING FAILURE: 1% GENERAL APPEARANCE: EXCE
48	TANKER	PERSIAN GULF	EXTERIOR SUPERSTRUCTURE		
50 51 52 53 54			PRIMER; ZINC, INDRGANIC, S CDAT2: ZINC, INDRGANIC, S CDAT3: EPOXY, ESTER COAT4: 4LKYD	ELF CURE, WATER BASED FLF CURE, WATER BASED	0.8 MILS %CORROSION: 0% 3.0 MILS %COATING FAILURE: 1% 1.6 MILS GENERAL APPEARANCE: EXCE
55 56	CONTAINER	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 4.0 YRS	4
57 58 59			PRIMER: ZINC, INDRGANIC, S COAT2: CHLORINATED RUBB COAT3: CHLORINATED RUBB	ELFCURE, SOLVENT BASE BR	3.0 MILS %CORROSION: 1% 2.0 MILS %COATING FAILURE: 1% 2.0 MILS GENERAL APPEARANCE; GOOD
61 62	FISHING	CARTBBEAN	EXTERIOR SUPERSTRUCTURE	"SSPC-SP-10" "15 YRS	to the second decided the considerable to the control of the control of the second district the second dis
63 64 65 66	· ·		PRIMER: ZINC, ORGANIC COAT2: EPOXY, POLYAMIDEL COAT3: OTHERS	en en en en en en en en en en en en en e	3.5 MILS &CORROSION: 3.5 MILS &COATING FAILURE: 12 3.0 MILS GENERAL APPEARANCE: EXCE

Υ՝	AREA: EXTE	RIOR SUPERSTRU	CTURE						
, !	TYPE OF SHIP) RADE ROUTE	AREA/SYSIEM	SURFACE S PREPARATION	SYSTEM F AGE TH	ILM (SHIP PE AGE E	REORMANCE T VALUATEON	
i	.TANKER	NORTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 2	2.0 YRS		i v 4		
1	4 5 6		PRIMER: ZINC, INURGANIC, CHATZ: EPUXY, PULYA MIDE COAT3: EPOXY, POLYAMIDE	OTHER		5 MILS 0 MILS 0 MILS	∜CORROS ∜CUATIN GENERAL	ION: G FAILURE: APPEARANCE:	5% 5% EXCE
1	TANKER	SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE						
2 2 2 2	21 · · · · · · · · · · · · · · · · · · ·		PRIMER: EPANOL, PHENOXY. COAT2: ALKYD						5% 6000
2	MATANKER	PERSIAN GULF.	EXTERIOR SUPERSTRUCTURE						hekvenim en
2	9	· · · · · · · · · · · · · · · · · · ·	PRIMER: ZINC.ORGANIC COAI2: CHLORINATED RUB COAI3: CHLORINATED RUB COAI4: CHLORINATED RUB COAT5: CHLORINATED RUB	BER BER BER BER	0 • 2 • 1 • 1 • 1 • 1	4 MILS 4 MILS 4 MILS 5 MILS 6 MILS	#CORROS #COATIN GENERAL	ION: G FAILURE: APPEARANCE:	0% 5% . GÖDD
+ ;	LURY, CARGO		EXTERIOR SUPERSTRUCTURE	SSEC \sec.	2YRS	* *	tion to the property of the second se	e de la companya della companya dell	and the same of th
3	13 6 6		PRIMER; ZINC, INURGANIC, COATZ; EPOXY, UTHER	OTHER	3.0	O MILS	CORROS COATIN GENERAL	ION: G FAILURE: APPEARANCE:	5% 5% ÆXCE
3	TANKER	SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-3	UK YKS				
3 4 4 4 4	19 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		PRIMER: WASH PRIMER	es accidente de la constitució del constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució de la constitució d	2.	D. MILS. MILS. D. MILS. D. MILS. D. MILS.	#CORROS #COATIN GENERAL	ION: G FAILURE: APPEARANCE:	12
4		.NU. ATLANTIC .	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 ·5	.Q YRS				
4 4 5 5 5			PRIMER: ZINC.INORGANIC. COATZ: VINYL COATZ: VINYL ACRYLIC COATZ: VINYL ACRYLIC CXTERIOR SUPFRSTRUCTURE	SELECURE, SOLVEN	IT. BASE 2.1.	MILS MILS MILS MILS	#COBROS #COATIN GENERAL	ION: G FAILURE: APPEARANCE:	5% 600D
5	i i	of the same to the first	ŢĊĸŦĔĸŢĠŔĨSUPĘŔSŢŔŨĊŢŪŔĔ	\$\$PC=\$P-10** 2	2.0 YRS" ""			s mellesses except descended the control	en e ade i
5 5 5 5			PRIMER; ZINC, INORGANIC, COAT2; VINYL ACRYLIC COAT4; VINYL ACRYLIC					ION: G FAILURE: APPEARANCE:	5% 6000
	DRY CARGO	SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC=SP=10	12 .YR\$		manus of the co	ا کا ایک در در در در در در در در در در در در در	
6	2 3 4	NURTH PACIFIC CARIBBEAN	PRIMER: ZINC, ORGANIC COATZ: EPOXY, POLYANICE COATZ: EPOXY, POLYANIDE	was the own the best section of the	3.	MILS MILS MILS	CORROS COATING GENEBAL	ION: G FAILURE: Jappearange:	5% 5% 6000

OFFSHURE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA: EXTERIOR SUPERSTRUCTURE

	FRIOR SUPERSTRU			
TYPE OF SHIP	TRADE RDUTE	ARFA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
FISHING	NORTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSAC-SP-6 UK YRS	·,
,		PRIMER: ZINC, INURGANIC, S CHATZ: ALKYO, MODIFIED A	ELFCURE.SOLVENT BASE CRYLIC	2.0 MILS *CORKOSION: 1* 2.0 MILS *COATING FAILURE: 5* GENERAL APPEARANCE: GOOD
TANKER	NORTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 1 YRS	,
		PRIMER: ZINC. INDRGANIC.O COAT2; EPOXY, OTHER	THER	3.0 MILS %CORROSION: 5% 4.0 MILS %COATING FAILURE: 5% GENERAL APPEARANCE: EXCE
TANKER	SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 3.5 YRS	$(\mathcal{A}_{i}, \mathcal{A}_{i}) \in \mathcal{A}_{i} \subseteq \mathcal{A}_{i}$
i .	NURTH PACIFIC	PRIMER: EPOXY, PULYAMIDE COAT3: EPOXY, POLYAMIDE EPOXY, POLYAMIDE.	, .	2.0 MILS &CORRUSION: 10% 4.0 MILS &COATING FAILURE: 10% 2.0 MILS GENERAL APPEARANCE: GOOD
TANKER	SOUTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 8.0 YRS	
	NURTH PACIFIC	PRIMER: EPOXY.POLYAMIDE COAT2: FPUXY.POLYAMIDE COAT3: EPOXY.POLYAMIDE		2.0 MILS %CORRUSION: 10% 4.0 MILS %CUATING FAILURE: 10% 2.0 MILS GENERAL APPEARANCE: GOOD
LNG .	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE.	SSRC-SP+1Q 2 YRS	
•		PRIMER: ZINC, INDRGANIC, O COATZ: EPOXY, POLYAMINE COAT3: EPUXY, POLYAMINE	THER 	2.5 MILS %CORROSION: 10% 2.0 MILS %COATING FAILURE: 10% 2.0 MILS GENERAL APPEARANCE: GOOD
TANKER	NORTH PACIFIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-10 2 YRS	
		PRIMER: EPANOL, PHENDXY . COAT2: ALKYD	Service of the service of	2.0 MILS %CORROSION: 10% 2.0 MILS %COATING FAILURE: 10% GENERAL APPEARANCE: GOOD
TANKER .	SOUTH PACIFIC	EXTERIOR, SUPERSTRUCTURE	SSPC-SP-3 UK YRS	
. ,	· ·	PRIMER: WASH PRIMER COAT2: ALKYD COAT3: ALKYD COAT4: ALKYD, SILICONE CCAT5: ALKYD, SILICONE	, .	1.0 MILS %CORROSION; 15% 2.0 MILS %COATING FAILURE: 25% 2.0 MILS GENERAL APPEARANCE; FAIR 2.0 MILS 2.0 MILS
NAVY	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-1Q UK YRS	
	NORTH PACIFIC	PRIMER: EPOXY, POLYAMIDE COATZ: FPOXY, POLYAMIDE COATZ: EPOXY, POLYAMIDE		4.0 MILS **CORROSION: 1* 4.0 MILS **COATING FAILURE: 75* 4.0 MILS GENERAL APPEARANCE: GOOD
CONTAINER	NO. ATLANTIC	EXTERIOR SUPERSTRUCTURE	SSPC-SP-1 UK YRS	
• •		PRIMER: ALKYD	The transfer of the second	2.0 MILS %CORROSION: 75% 2.0 MILS #COATING FAILURE: 75% GENERAL APPEARANCE: POOR

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OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

TIME

AREA; EXTERIOR SUPERSTRUCTURE

TYPE TRADE OF SHIP ROUTE

14

15

23

26 27 .

30 31 1

39

57 58 59 **AREA/SYSTEM**

SURFACE SYSTEM PREPARATION AGE

UK YRS

FILM SHIP PE THICK. AGE E

IP PERFORMANCE SE EVALUATION

12 TANKER NO. ATLANTIC EXTERIOR SUPERSTRUCTURE SSPC-SP-5

PRIMER: ZINC, INURGANIC, SELFCURE, SOLVENT BASE COAT2: EPOXY, POLYAMIDE COAT3: EROXY, POLYAMIDE.

4.0 MILS &CURRUSIUN: 25%
4.0 MILS &COATING FAILURE: 100%
4.0 MILS GENERAL APPEARANCE:

OFF SHORL POWER SYSTEMS / MAKAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA; CAFG	U & HOLDS SPAC	E\$			· ·
TYPE OF SHIP	TRACE ROUTE	ARFA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM" THICK.	SHIP PERFORMANCE AGE EVALUATION
12 TANKER	NORTH PACIFIC	CARGO & HCLDS SPACES	SSPC#SP-10 5.0 YRS	** 1	
14 15 16		PRIMER; ZINC, INORGANI COATZ; EPÖXY, KETAMIN COAT3; EPOXY, KETAMIN	G.OTHER E	2.5 MILS 4.0 MILS	%CORROSION: 0% %COATING FAILURE: 0% GENERAL. APPEARANCE1 EXCEL
CONFAINER	NO. ATLANTIC .	CARGO & HOLDS SPACES	SSPC-SP-10 2.0 YRS		2
19 20		PRIMER: ZINC. INORGANI COATZ: CHLORINATED R	C.SELFCURE.SOLVENT BASE.	a:0-MILS	*CORROSTON: 0* 0* COATING FAILURE: 0* GENERAL APPEARANCE: GOOD
23 24. TANKER	NU ATLANTIC	.CARGO & HOLDS SPACES	SSPC#S8#1Q.L.5#Q.YBS.	e state and a second or a seco	ternament hanta kom in Annamania inama maka kinama kanamana dak sak sak sak sak sak sak sak sak sak s
75 · . 76 · . 77 · .					#CORROSION: 0# #COATING FAILURE: 0# GENERAL APPEARANCE: EXCEL
29 30 FISHING					
31 32 :		PRIMER: ZINC.INDRGANI COATZ:	C.SELFCURE.SOLVENT .WASE.	2 • Q . MILS. MILS	#CORROSION: 0% 12 #COATING FAILURE: 0% GENERAL APPEARANCE: EXCEL
MATANKER	.NORTH PACIFIC	CARGO & HOLDS SPACES.	SSPC = SR=10 5 . 0 YRS	e groein en ro	erreg – erre eg erreg – eg erreg – eg erreg erreg erreg erreg erreg erreg erreg erreg er er erreg er eg er er Anne kanna erreg erreg erreg erreg erreg erreg erreg erreg erreg erreg erreg erreg erreg erreg erreg erreg er
17 18 19 10	, , , , , , , , , , , , , , , , , , , ,	PRIMER: ZINC.INORGANI	C.SELF CURE, WATER BASED	3.0 MILS	
O CONTAINER	SOUTH PACIFIC		SSPC-SP-6 5.0 YRS		05
13 [4,,,, , , , , , , , , , , , , , , , , ,		PRIMER: EPANOL PHENOX COATZ: FPOXY, KETAMIN	Y. wanish to minimum at made and the minimum design	4.8 MILS	*CORROSION: *COATING FAILURE: 12 GENERAL APPEARANCE: GOOD
CONTAINER	NO. ATLANTIC		LLLLSSRC#SP#104.0.YRS.		
19 50 51 52		PRIMER; ZINC, INURGANI COATZ; CHLORINATER N	C.SELFCURE, SOLVENT BASE UNDER	3.0 MILS 2.0 MILS	%CORROSION: %COATING FAILURE: 1% .GENEBAL APPEABANCE: GOOD
53 54 TANKER	MODTH DACIETO	CAPED E HINDS SPACES	29VCD10 6 VRS		
55 56 57	•••	PRIMER: ZINC, INORGANIS COATZ: FPOXY, KETAMIN	C.OTHER	3:3 MILS	CORROSIUN: 12 CUATING FAILURE: 12 GENERAL APPEARANCE: EXCEL
59 50 (NAVY			SSPC=SP=10 UK YBS		e og e og en en en en en en en en en en en en en
61 62 63 64 ;	NURTH PACIFIC	PRIMER: EPOXY, PULYAMI CHATZ: OTHERS	DE	4.0 MILS 4.5 MILS	#CORROSION: 1% #COATING FAILURE: 1% GENERAL APPEARANCE: GOOD

SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

1 AREA: CARGO & HOLDS SPACES

`r'	AREA: CARO	SU & HOLDS SPAC	ES			the second secon
	TYPE OF SHIP	TRADE ROUTE	AR EA / SYSTEM	SURFACE PREPARATION	SYSTEM AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
	DRY CARGO	UNKNOWN	CARGO & HOLDS SPACES	SSRC-SP-10	UK YRS	
	14 15 6.,		PRIMER: ZINC, ORGANIC CHAIZ: BITUMENOUS COAT3: BITUMENOUS COAI4; BITUMENOUS	•	tons o seas o o	10 MILS *CORRUSTON: 5% 10 MILS *CUATING FAILURE: 5% 20 MILS GENERAL APPEARANCE: GOOD. 20 MILS
	DRY CARGO	NO. ATLANTIC	CARGO & HOLDS SPACES	\$\$PÇ-\$P-6	5.0 YR\$	
! ;	11 12 13		PRIMER: LPOXY, UNE COMPON COAT2: EPOXY, BOLYAMIDE COAT3; EPOXY, POLYAMIDE	ENT		2.5 MILS **CORROSION: 5% 2.0 MILS **COATING FAILURE: 5% 3.0 MILS GENERAL APPEARANCE: POOR
;	25 i		CARGO & HOLDS SPACES	\$\$PC-\$P-6	2,0 YRS	7,511
1	27 28 j 25	NU. ATLANTIC	PRIMER; LPOXY, ONE CUMPON COAT2: EPOXY, POLYAMIDE COAT3; EPCXY, POLYAMIDE	ENT	A 1 4 4 . P	2,5 MILS **CORROSION: 17 2.0 MILS **COATING FAILURE: 10* 3.0 MILS GENERAL APPEARANCE; FAIR
	FISHING	CARIBBEAN	CARGO & HOLDS SPACES	\$\$P\$-\$P-10	to ABB	and the second of the second o
	13		PRIMER: ZINC, URGANIC CDATZ: EPDXY, POLYAMIDE CDATZ: EPDXY, POLYAMIDE		1	3.5 MILS %CURROSION: 10% 3.5 MILS %COATING FAILURE: 10% 4.0 MILS GENERAL APPEARANCE: FAIR
	LNG	NO. ALLANTIC	CARGO & HOLDS SPACES	\$\$PC-\$P-3	TI YRS	and the control of the subsection of the control of
	9 i 8 '		PRIMÉR; ALKYD, MODIFIED A	CRYLIC		2.0 MILS **CORROSION: 15* 2.0 MILS **COATING FAILURE: 15* GENERAL APPEARANCE: GOOD
	DRY CARGO	SOUTH PACIFIC	CARGO & HOLDS SPACES	\$\$P\$-\$P-10	12 YRS	
	5 6 7 8	NORTH PACIFIC CARIBBEAN	PRIMER: ZINC, ORGANIC COATZ: EPOXY, PULYAMIDE CUAT3: EPUXY, POLYAMIDE			3.5 MILS *CORROSION: 15* 3.5 MILS *COATING FAILURE: 15* 3.0 MILS GENERAL APPEARANCE: FAIR
5	TANKER '	Shuth PACIFIC	CARGO & HOLDS SPACES	SSPC-SP-3	UK YKS	
5	il 2 ,	, , , , , , , , , , , , , , , , , , ,	PRIMER; ALKYD CDAT2: ALKYD CDAT3; ALKYD	of sadar kind of the	· · · · · · · · · · · · · · · · · · ·	2.0 MILS %CORROSION: 15% 2.0 MILS %COATING FAILURE: 25% 2.0 MILS GENERAL APPEARANCE: FAIR
5	5 TANKER	SOUTH PACIFIC	CAPGO & HOLOS SPACES	\$\$PC-\$P-3	UK YRŞ	
5	77 18 9		PRIMER: ALKYD COAT2: ALKYD COAT3: ALKYD		,,	2.0 MILS **CORROSION: 25% 2.0 MILS **COATING FAILURE: 25% 2.0 MILS GENERAL APPEARANCE: FAIR
. 6	1 2 3 4 5 5 6 			The common of the common of	- · · · · · · · · · · · · · · · · · · ·	

)!	area: PRUD	UCT TANKS		SHIPS PAINIS/CUA	TIMOS PEKTURI	TANCE SON	ITANI		107 14.
) (!][TYPE OF SHIP	TRADE		ARFA/SYSTEM	SURFACE PREPARATION	AGE	FILM THICK.	SHIP PERFORMANCE EVALUATION	•
12	TANKER	NL. ATLANTIC	PRODUCT	TANKS		3 YRS		03	
14	5 6	SU. A FLANTIC CARIBBEAN	PRIMER; COAT2;	TANKS	, , , , , , , , , , , , , , , , , , ,		MILS	S %CORROSION: S %COATING FAILURE: GENERAL APPEARANC	OX OX CE: GOOD
- 13 - 11	TANKER				SSPC-SP-10				
20			PRIMER: COAT2: COAT3:	ZINC, INORGANIC, U EPOXY, KETAMINE EPOXY, KETAMINE	THEB		2.5. MILS 4.0 MILS 4.0 MILS	KCORROSION: KCOATING FAILURE: GENERAL APPEARANC	O¥ OZ CE; EXCEI
	TANKER	WORLD WIDE			•			engan kangan kangan kangan pengangan pengangan kangan kangan pengangan pengangan pengangan pengangan pengangan Pengangan kangan kangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan pengan	
25 26 21 21	6 7		PRIMER: COAT 2;	ZINC, INDRGANIC, S	ELFCURE, SOLVE	ENT BASE	3.0 MILS	S *CORROSION: S *COATING FAILURE: GENERAL_APPEAKANG	O% : ()% CE::EXCEI
25 30	TANKER	WORLD WIDE	PRODUCT	TANKS	SSPC-SP-5	1.0 YRS			
37 37 33 34			PRIMER: COAT2;	ZINC, INDRGANIC.S	ELFCURE, SOLVE	ENT BASE	.3.0 MILS	ACORROSION: COATING FAILURE GENERAL APPEARANC	CE; EXCEL
35	TANKER	NO. ATLANTIC.	PRODUCT	TANKS	SSPC#SP#10	15.0 YRS.	g g g	A. A. Dona SAF A. A. A. A. A. A. A. A. A. A. A. A. A.	and the Comment of
31 31 31 40	7 1 1		PRIMER: COAT2:	EPOXY, OTHER EPOXY, OTHER	to realize a superior and the	iranda ki w r be.	5.0 MILS	S *CORPOSION: S *COATING FAILURE: GENEBALAPPEARANC	OZ OZ CE: EXCEI
41	I I FANKER	NO. ATLANTIC	PRODUCT	TANKS .		2 YRS		02	
43 44 45 46	1 · · · · · · · · · · · · · · · · · · ·	SO. ATLANTIC	PRIMER: CUATZ;		Caraca da Moras III da de Caraca Cara	- 404 - 404 - 44 4 4 4 4 4 4 4 4 4 4 4 4	MILS	ZCORROSION: COATING FAILURE: GENERAL APPEARANC	0% 0% E: 6000
47	TANKER	WORLD WIDE	PRODUCT	TANKS	SSRCmSRm5	1.Q YRS	e e e u me topost se milit		e araba a a alam ah
50 51 52	1	,	PRIMER; CHAT2; COAT3;	EPOXY, PHENOLIC EPOXY, PHENOLIC	• A4 •	, ,	5.0 MILS 5.0 MILS	S %CORROSION: S %COATING FAILURE: S.GENERAL.APPEARANC	O¥ OZ CEŁ EXCEL
51 54	FISHING	NURTH PACIFIC	PRODUCT	T ANK S	SSPC-SP-10	UK YRS			
56 51 51			PRIMER: COAT2;	EPOXY, POLYAMIDE EPOXY, PULYAMIDE			5.9 MILS	%CORROSION: %COATING FAILURF: GENERAL APPEARANC	OZ CE: EXCEI
60 61	TANKER	WOKED WIDE	PRODUCT		.SSPC=SP=10.				
62 63 64			PRIMER: COAT2:	ZINC, INORGANIC, P	OST CURE		3.0 MILS	S *CORROSION: S *COATING FAILURE: L GENERAL APPEARANC	O% O% CE: EXCEI

	AREA: PROD	UCT TANKS		SHIPS PAINTS/COA	SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY					10/14/		
r	TYPE OF SHIP	TRADE ROUTE		AKFA/SYSTEM	SURFACE PREPARATION	SYSTEM AGE	FIL	M	SHIP` AGE	PERFORMANCE EVALUATION		
1	Z.TANKER	NU. ATLANTIC	PRODUCT	TANKS .	SSPC-SP-10	5 YRS					-	
, !	4 5 6	en en en en en en en en en en en en en e	PRIMER; CCAT2;	ZINC.INURGANIC.C EPUXY,KETAMINE	OTHER	e news — h'want between	3.0 4.0	MILS	#CORRI #COAT GENER	OSION: ING FAILURE: ALAPPEARANCE:	OZ 13 EXCEL	
1	TANKER .			TANKS			*					
	10 11 12		PRIMER: COAT2:	ZINC.INORGANIC.S	SELFCURE, SOLVI	ENT BASE.	3 • 0	MILS	CORR COAT GENER	OSTON: ING FAILURE: AL APPEARANCE:	LIX	
	MATANKER.	.WOKLD. WIDE	PRODUCT	TANKS	SSPCmSRm5	3.0. Y.R.S.	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,		e de la companya de l	en en en en en en en en en en en en en e	
	6 17 18		PRIMER; COAT2; COAT3;	EPOXY, PHENDLIC EPOXY, PHENDLIC EPOXY, PHENDLIC	vanat answer dietario	e europa a deservada de deservada de deservada de de de de de de de de de de de de de	5 · Q 5 · O	MILS HILS HILS	#CORR #COAT GENER	OSION: ING FAILURF: AL ARREARANCEI	1 % 1 % _ G O O O	
1	TANKER	SOUTH PACIFIC	PRODUCT	TANKS	SSPC-SP-10	1.0 YRS						
+ 3				EROXY, POLYAMIDE .								
3	TANKER	WURLD WIDE		TANKS								
3	18 15 10		PRIMER:	ZINC, INURGANIC, S	ELFCURE, SQLVE	ENT BASE	3.0	MILS	#CORR #COAT GENER	OSION: ING FAILURE: AL.APPEABANCE:	12 13 2000	
	13			TANKS								
4	14	SU. ATLANTIC. CARIBBEAN MEDITERRANEAN	PRIMER: COAT2:	ZINC ORGANIC EPUXY, CHAL TAR	and the second and th	, f	5 • • 0 8 • • 0	MILS	CORR COAT GENER	DSION: ÎNG FĂILURE: AL APPEARANCE:	EXCEL	
4	TANKER	WORLD WIDE	PRODUCT	TANKS	LSSRCHSRES.	21.3.YBS.	,	ې د د مود اوسو له د د د موسولوا	Ar I og sej der særer kræse skr	er han de de de de de de de de de de de de de	ere e e e e e e e e e e e e e e e e e e	
5	0 1 2 2	· · · · · · · · · · · · · · · · · · ·	PRIMER; COATZ;	ZINC, INURGANIC, S	SELFGURE, SOLVE	ENT BASE	3.0	MILS	CORR COAT GENER	OSION: ING FAILURE: AL ARPEARANCE:	1 % 1 % 6000.	
5	5	WORLD WIDE		TANKS								
5	6 1 ·		PRIMER: CUAT2: COAT3:	EPOXY PHENOLIC EPOXY PHENOLIC EPOXY PHENOLIC	ek vilado (d. 1911), je vila viladia.	e 1/2 verde flavold had de de 1/4 e	5.0 5.0 5.0	MILS. MILS MILS	#CORR #COAT GENER	OSIDN: ING FAILURE: AL APPEARANCE;	EXCEL	
, 6	TANKER			TANKS								
6	2 3 4	• • • • • • • • • • • • • • • • • • • •	PRIMER: CDAT2:	ZINC, INDRGANIC, S	ELFCURE, SOLVE	ENT BASE	3.0	MILS MILS	#CORR #COAT GENER	OSION: ING FAILURE: ALLAPPEARANCE:	I Z I Z I Z	
6	3 6 7 8				·							

SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA: PRODUCT TANKS SURFACE SYSTEM FILM AR CA/SYSTEM TRADE PREPARATION AGE THICK. AGE EVALUATION 10 GF SHIP RUUTE 11 SSPC-SP-5 3.3 YRS WORLD WIDE PRODUCT TANKS 12 TANKER 13 3.0 MILS %CORROSIUN: 1% MILS %COATING FAILURE: 1% ... GENERAL APPEARANCE: GOOD PRIMER: ZINC, INURGANIC, SELFCURE, SOLVENT BASE 14 15 COAT2; 16 17 SSPC-SP-10 0.7 YRS PRÚDUCT TANKS TANKER WORLD WIDE 18 19 5.0 MILS %CORROSION: 0% 5.0 MILS %CUATING FAILURE: 1% 20, 1... 21 GENERAL APPEARANCE: EXCE 22 23 SSPC-SR-5 . 6.0 YRS . PRODUCT TANKS 24 TANKER WORLD WIDE 25 PRIMER: ZINC, INURGANIC, SELFCURE, SOLVENT BASE 3.0 MILS %CORROSION: 26 . MILS ECOATING FAILURE: 27 COAT2: GENERAL APPEARANCE: GOOD 28 : 25 6.0 YRS SSPC-SP-5 TANKER WOKLD WIDE PRODUCT TANKS, 30 31 PRIMER: EPOXY. PHENOLIC. 5.0 MILS *CORROSION: 5.0 MILS *COATING FAILURE: + 33 7 44 COAT2: EPOXY PHENOLIC COAT3: EPOXY PHENOLIC 5.0 MILS GENERAL APPEARANCE: GOOD 34 35 SSPC -SP-5 ... 1.8 YRS. 36 TANKER WORLD WIDE PPODUCT TANKS 37 PRIMER: ZINC INDRGANIC SELFCURE SOLVENT BASE 3.0 MILS &CURROSION: 38 MILS &COATING FAILURE: 39 1 COVISE GENERAL APPEARANCE: GOOD 40 41 SSPC-SP-5 PRODUCT TANKS 1.8 YRS 42 TANKER WORLD WIDE 3.0 MILS %CORROSIUN: 1% MILS %COATING FAILURE: 1% GENERAL APPEARANCE: GOOD PRIMER: ZINC INORGANIC - SELFCURE - SOLVENT RASE 44 CUAT2: 45 46 43 SSPC-SP-5 1.8 YRS PRODUCT TANKS WORLD WIDE TANKER 5.0 MILS #CURRUSIUN: PRIMER: EPOXY, PHENOLIC 50 5.0 MILS TCOATING FAILURE: 17 5.0 MILS GENERAL APPEARANCE: GOOD EPOXY PHENOLIC CHATE: 51 COATS 52 53 WORLD WIDE PRODUCT TANKS SSPC-SP-5 1.8 YRS 54 TANKER 55 5.0 MILS *CORROSION: 1*
5.0 MILS *COATING FAILURE: 1*
5.0 MILS GENERAL APPEARANCE: EXCE 56 57 51 59 SSPC-SP-5 2.0 YRS PRODUCT TANKS 60 61 PRIMER: EPUXY, ONE COMPONENT 1.5 MILS %CORROSION: NO. ATLANTIC 62 COATZ: FPOXY KETAMINE 5.0 MILS &COATING FAILURE: 12 5.0 MILS GENERAL APPEARANCE: FAIR 63 64 . . 65

OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA: PRODUCT TANKS TYPE TRADE OF SHIP ROUTE 12 NAVY

IN TANKER WORLD WIDE

26

AP EA/SYSTEM

SURFACE SYSTEM PREPARATION AGE

FILM SHIP PERFORMANCE THICK. AGE EVALUATION

PRODUCT TANKS SSPC-SP-10 UK YRS NU. AILANTIC NORTH PACIFIC PRIMER: EPUXY, POLYAMIDE
COAT2; EPCXY, OTHER
COAT2; EPCXY, OTHER
GENERAL APPEARANCE: EXCEL

PRODUCT TANKS

SSPC-SP-10 1.25 YRS

MILS %CORROSION: 14 MILS %COATING FAILURE: 14 GENERAL APPEARANCE: EXCEI PRIMER: ZINC, INORGANIC, SELFCURE, SOLVENT: BASE ... 3.0 MILS . % CORROSION: COAT2;

PRIMER: ZINC, INORGANIC, SELFCURE, SOLVENT BASE 3.0 MILS & CORROSION: MILS &COATING FAILURE: 12 GENERAL APPEARANCE: EXCEI COAT2:

30 TANKER WORLD WIDE PRODUCT TANKS

GENERAL APPEARANCE: GOOD

TANKER WORLD WIDE.

PRIMER; POLYSTYRENE 10.0 MILS #CORROSION: 18 COATING FAILURE: 12 GENERAL APPEARANCE: GOOD. TANKER . WURLD WIDE PRODUCT TANKS . . . SSPC-SP-10 .1.0 YRS

PRIMER: EPOXY, POLYAMINE

COAT3: EPOXY, POLYAMINE

COAT4: EPOXY, POLYAMINE

COAT5: EPOXY, POLYAMINE

COAT5: EPOXY, POLYAMINE

COAT5: EPOXY, POLYAMINE

COAT5: EPOXY, POLYAMINE

COAT5: EPOXY, POLYAMINE

2.0 MILS

TANKER WURLD WIDE PRIMER; EPUXY.PULYAMIDE COAT2: EPOXY.POLYAMIDE COAT3: EPOXY.PULYAMIDE

2.0 MILS *CORROSION: 2.0 MILS *COATING FAILURE: 14 2.0 MILS GENERAL APPEARANCE: EXCE

JANKER WORLD WIDE PRODUCT TANKS SECTION 1.0 YRS ... 2.

PRIMER: ZINC, INDRGANIC, POST CUKE
CHATZ;

2.5 MILS *CORROSION:
MILS *COATING FAILURF:
1%
GENERAL APPEARANCE: EXCE

\$\$PC-\$P-10 2.25 YRS 62 TANKER PRODUCT TANKS WORLD WIDE

PRIMER: EPOXY.PULYAMINE

COATZ: FPOXY.PULYAMINE

COATZ: FPOXY.PULYAMINE

COATZ: EPOXY.PULYAMINE

^5 66 · 67 68

4	I AREA: PROD	DUCT TANKS			
ļ	TYPE OF SHIP	TRADE ROUTE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	THICK. AGE EVALUATION
į	TANKER .	WORLD WIDE	PRODUCT TANKS	\$\$PC+\$P+10, 2,25 YR\$	marine to the second se
; ;	3 4 6 5		PRIMER: EPUXY, POLYAMID COATZ: EPOXY, POLYAMID COAT3: EPOXY, PULYAMID	E E	2.0 MILS %CORROSION: 1% 2.0 MILS %COATING FAILURE: 1% 2.0 MILS GENERAL APPEARANCE: EXCE
. !	TANKER	WORLD WIDE .		\$\$PC-\$P-10 2.25 YR\$	4 .
2	3 0 !, , , , , , , , , , , , , , , , , , ,		PRIMER: ZINC. INORGANIC COATZ:	POST CURE.	2.5 MILS *CURROSION: MILS *COATING FAILURE: IT GENERAL APPEARANCE: EXCE
2	3 4.'TANKER	. WORLD. WIDE	PRODUCT, TANKS	L.SSPC=SR=10.L.1.0.YRS.	a 17. júlio 18.
. 1	5 6 7		PRIMER: ZING. INURGANIC GNATZ:	POST CURE	3.0 MILS %CORROSION: MILS %COATING FAILURE: 1% GENERAL APPEARANCE: EXCE
2	TANKER	WORLD WIDE	PRODUCT TANKS		
+ 3	1 2		PRIMERI EPOXY ROLYAMINI COATZ: FPOXY POLYAMINI COAT3: EPOXY POLYAMINI	E	2.0 MILS & CORROSION: 2.0 MILS & COATING FAILURE: 18 1.5 MILS GENERAL APPEARANCE: EXCE
3	LTANKER			SSRC=SP=1Q1.Q YRS	
3 3 4	7 8 9 0, _{3.} (1)		PRIMER: ZINC, INURGANIC COAT 2:	SELF CURE, WATER HASED	4.0 MILS *CORROSION: 17 MILS *COATING FAILURE: 17 GENERAL APPEARANCE: EXCE
4	TANKER	WORLD WIDE	PRODUCT TANKS	\$\$PC-\$P-10 3.5 YRS	5
			PRIMER: EROXY. POLYAMIDE COAY2: FPOXY. POLYAMIDE COAT3: EPOXY. POLYAMIDE	Enderson Control Constants of Manager Control	2.0 MILS %CORROSION: 2.0 MILS %COATING FAILURE: 1% 2.0 MILS GENERAL APPEARANCE: EXCE
1 4	1 LITANKER	WORLD WIDE	PRODUCT, TANKS	1.1.SSPC-SR-10. 1.0 YRS	5.
4 5 5 5	9 0 1 2				3.0 MILS *CORROSIUN: 1; MILS *COATING FAILURE: 1; GENERAL APPEARANCE: EXCEI
5 5	TANKER	WORLD WIDE	PRODUCT TANKS		
\$ 5 5	5 1		PRIMER: ZINC.INURGANIC.	POST CURE	2.5 MILS *CORRUSION: 11 MILS *COATING FAILURE: 18 GENERAL APPEARANCE: EXCEL
5	TANKER	. NORLD WIDE			we are the control control of the co
6	1 2 3 !		PRIMER: ZINC, INDRGANIC, CHATZ:	POST CUKE	3.0 MILS %CORROSION: 1% MILS %COATING FAILURE: 1% GENERAL APPEARANCE: EXCEL
-	3				

OFFSHORE POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY AREA: PRUDUCT TANKS SURFACE SYSTEM SHIP PERFORMANCE TYPE AR EA/SYSTEM FILM TRADE PRÉPARATION AGE THICK. AGE EVALUATION OF SHIP ROUTE SSPC-SP-10 2.25 YRS 12 TANKER WORLD WIDE PRODUCT TANKS 3.0 MILS *CORROSTON: 14 1 PRIMER; ZINC, INURGANIC, POST CURE COATE: 18 GENERAL APPEARANCE: EXCE 15 16 17 SSPC-SP-10 1.5 YRS PRODUCT TANKS II TANKER WORLD WIDE PRIMER: ZINC.INDRGANIC.SELE.CURE.WATER BASED ...4.0 MILS %CORROSION: MILS ECOATING FAILURE: 17 COAT 2 : GENERAL APPEARANCE: EXCEI 22 . 23 WORLD WIDE PRODUCT TANKS 24 TANKER 3.0 MILS *CORROSION; 26 PRIMER: ZINC, INGRGANIC, PUST CURE MILS SCOATING FAILURE: 27 . COAT2; GENERAL APPEARANCE: EXCEI SSPC-SP-10 6.0 YRS 30 TANKER WORLD WIDE PRODUCT TANKS 31 $+\frac{33}{32}$ \cdots \cdots 34 GENERAL APPEARANCE; EXCEL 35 36 TANKER WORLD WIDE , INURGANIC, POST CURE

3.0 MILS %CORROSION:

MILS %COATING FAILURE:

4 GENERAL APPEARANCE: EXCEL 38 PRIMER: ZINC, INORGANIC, POST CURE 35 COAT2; 42 TANKER WORLD WIDE. PRODUCT TANKS SSPC-SP-10 4.0 YRS PRIMER: ZINC, INDRGANIC, POST GURE....... 3.0 MILS %CORROSION: 1%. COAT2: MILS %COATING FAILURE: 1%. GENERAL APPEARANCE: EXCE 46 47 TANKER . WORLD WIDE 50 . PRIMER: ZINC, INORGANIC, POST CURE . 3.0 MILS *CORRUSION: MILS &COATING FAILURE: COAT2; TT GENERAL APPEĂRANCE: EXCEI TANKER WURLD WIDE PRODUCT FANKS SSPC-SP-10 4.0 YRS 3.0 MILS *CORROSION: 1* MILS *COATING FAILURE: 1* PRIMER: 'ZINC, INORGANIC, POST CURE. . 56 51 COAT2; GENERAL APPEARANCE: EXCE 60 IT ANK ER NORTH PACIFIC PRODUCT TANKS SSRC-SP-10 5 YRS PRIMER: ZINC, INURGANIC, SELF CURE, WATER BASED 3.0 MILS #CORRUSION: 1% COATZ; MILS #COATING FAILURE: 1% GENERAL APPEARANCE: EXCEL

23

25

25

31

33 34 35

37

39

46

51

52 53

56 51 58

DRY CARGU

FILM APEA/SYSTLM SURTACE SYSTEM TRADE

SHIP PERFORMANCE OF SHIP PREPARATION AGE THI CK. AGE EVALUATION ROUTE 11 . 3.0 YRS 12 TANKER WORLD WIDE PRODUCT TANKS 55BC-SP-5 13 , i4 , PRIMER: ZINC, INDRGANIC, SELFCURE, SOLVENT BASE . 3.0 MILS #CORROSION: MILS *COATING FAILURE: 5% GENERAL APPEARANCE: GOO! 15 COAT2: 16 5 17 SSPC-SP-5 3.3 YRS PRODUCT TANKS II TANKER WORLD WIDE 13 20. 21 COATZ: EPOXY PHENOLIC COAT3: EPOXY PHENOLIC 22 WORLD WIDE. PRODUCT TANKS 24 TANKER PRIMER: ZINC, INORGANIC, SELFCURE, SOLVENT BASE 3.0 MILS &CORROSIUN: 26 MILS ROOATING FAILURE: 53 21 COAT 2: 21 -WORLD WIDE PRODUCT TANKS SSPC-SP-5 1.8 YRS 30 TANKER + 32 · · PRIMER: EPOXY, PHENULIC. COATZ: EPOXY, PHENOLIC COATZ: EPOXY, PHENOLIC PRODUCT TANKS. SSPC-7SB-5 . 2.5 YRS 36 TANKER . . WORLD WIDE 3.0 MILS %CORROSION: 5% MILS %COATING FAILURE: 5% GENERAL APPEARANCE: 6000 PRIMER: ZINC. INDRGANIC. SELFCURE. SOLVENT BASE 38 ' CUATS: PRODUCT TANKS SSPC-SP-10 1.2 YRS 47 TANKER SO. ATLANTIC PRIMER: EPOXY. KETAMINE 4.0 MILS #CORROSION: 1# 4.0 MILS #COATING FAILURE: 5# PERSIAN GULF COATZ: FPOXY, KFTAMINE GENERAL APPEARANCE: FAIR ...SSPC#SP#5 6.0 YRS 4 JANKER . WORLD WIDE PRODUCT TANKS 3.0 MILS *CORROSION: PRIMER: ZINC, INURGANIC, SELFCURE, SOLVENT BASF MILS *COATING FAILURE: 52 GENERAL APPEARANCE: GOOD COAT2: \$\$PC-\$P-\$ 6.0 YRS WORLD WIDE PRODUCT TANKS 54 TANKER ...5.0 MILS %CORROSION: 5% 5.0 MILS %COATING FAILURE: 5% 5.0 MILS GENERAL APPEARANCE: GODE PRIMER: EPOXY, PHENOLIC COAT2: EPOXY, PHENOLIC COAT3: EPOXY, PHENOLIC PRODUCT TANKS SSRC#SP#5......5*Q YBS NU. ATLANTIC

PRIMER; EPOXY, ONE COMPONENT

LOAT2: EPOXY, KETAMINE

COAT3: EPOXY, KETAMINE

S.O MILS & CORROSION:

1.5 MILS & CORROSION:

1.5 MILS & CORROSION:

5.0 MILS & CORROSION:

5.0 MILS GENERAL APPEARANCE; FAIR

OFFSHURE POWER SYSTEMS / MARAD
SHIPS PAINTS/CUATINGS PERFURMANCE SUMMARY 'AREA; PRODUCT TANKS SURFACE AREA/SYSTLM SYSTEM FILM " SHIP PERFORMANCE TYPE TRADE OF SHIP THICK. AGE EVALUATION PREPARATION AGE ROUTE SSPC+SP+10 5.5 YRS 12 TANKER WORLD WIDE PRODUCT TANKS PRIMER: ZINC, INORGANIC, POST CURE 2.5 MILS %CURRUSION: 14 COATZ; ACORROSION: 5% MILS &COATING FAILURE: 5% 17 L SSPC-SP-1Q 5.5 YRS PRODUCT TANKS WORLD WIDE II TANKER MILS #CORROSION: 5%
MILS #COATING FAILURE: 5%
GENERAL APPEARANCE: GOOD COAT2: MALTANKER. ... WUKLD. WIDE ... PRODUCT. TANKS SSRC#SR#10. 2.75 YRS 10 PRIMER: EPUXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE
COAT2; EPOXY, POLYAMIDE 26 27 PRODUCT FANKS TANKER WORLD WIDE SSPC-SP-10 5.5 YRS 2.5 MILS *CORRUSION: 58 MILS *COATING FAILURE: 58 GENERAL APPEARANCE: EXCE COAT2; 34 PRIMER: ZINC, INORGANIC, SELFCURE, SOLVENT BASE 3.0 MILS %CORROSION: COATZ;
MILS RECOATING FAILURE: 53
GENERAL APPEARANCE: EXCE PRODUCT TANKS SSPC-SP-10 2.75 YRS TANKER PRIMER: EPUXY.POLYAMIDE 6.0 MILS *CORROSION: 5% COATING FAILURE: 5% GENERAL APPEARANCE: EXCE 43 4 TANKER WORLD WIDE PRODUCT TANKS SPC_SP_10 2.75 YRS PRIMER: EPOXY: POLYAMIDE 2.5 MILS **CORTOSION: 5% 5% COATING FAILURE: 5% CUATA; EPOXY: PULYAMIDE 3.0 MILS GENERAL APPEARANCE: GOOD \$\$PC-\$P-10 5.5 YR\$ 10 WORLD WIDE PRODUCT TANKS TANKER PRIMER: ZING. HIDRGANIC. POST CURE 2.5 MILS ECORROSION: 5% COATES COATES GENERAL APPEARANCE: GOOD PRIMER: ZING, INDRGANIC, POST CURE 2.5 MILS % CORROSION: 5% COATE: 5% MILS % COATING FAILURE: 5% GOOD.

וי	AREA; PHUI	DUCT TANKS		• •	
10	TYPE OF SHIP	TRADE ROUTE	AR FA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
12	JTANKER	WORLD WIDE	PRODUCT TANKS		
13 14 15 16	<u>!</u> 		PRIMER: ZINC.INORGANIC.P	OSF CURF	3.5 MILS #CORROSION: 18 MILS #COATING FAILURE: 5% GENERAL APPEARANCE: GOOG
17 18 19	TANKER	WORLD WIDE	PRODUCT TANKS	SSPC-SP-10 2.75 YRS	10
20 21 22	an ann an Canada	• . ,	PRIMER: EPOXY, KETAMINE	en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co	4.0 MILS *CORROSION: 5*, 4.0 MILS *COATING FAILURE: 5% GENERAL APPEARANCE: GOOD
23 24 25	.TANKER	WORLD WIDE	PRODUCT TANKS	SSPC-SP=10 0.5 YRS	$= (\mathbb{I}_{q}^{n-1} \otimes \mathbb{I}_{q} \otimes $
26 27 28 29 30			PRIMER: LACQUER COAL2: LACQUER COAL3: LACQUER COAL4: LACQUER COAL5: LACQUER		1.5 MILS #CORROSION: 5% 1.5 MILS #COATING FAILURE: 5% 1.0 MILS GENERAL APPEARANCE: GOOD 1.0 MILS 1.0 MILS
32	.TANKEB .	HORLD WIDE	PRODUCT TANKS	SSPC=SP=10, 0.5 YBS	
34 35 36 37 38	;		PRIMER: EPOXY, POLYAMINE COAT2: FPOXY, POLYAMINE COAT3: EPOXY, POLYAMINE COAT4: EPOXY, POLYAMINE COAT5: EPOXY, POLYAMINE		1.5 MILS *CORROSION: 1.5 MILS *CONTING FAILURE: 5% 1.5 MILS GENERAL APPEARANCE: EXCE 1.5 MILS 2.0 MILS
40 41	TANKER	WORLD WIDE	PRODUCT TANKS	SSPC-SBHIQ 2.Q YBS .	
42 43 44 45 46			PRIMER: EPOXY, POLYAMINE COAT2: EPOXY, POLYAMINE COAT3: EPOXY, POLYAMINE COAT4: EPOXY, POLYAMINE COAT5: EPOXY, POLYAMINE	A	1.5 MILS *CORROSION: 5% 1.5 MILS *COATING FAILURE: 5% 1.5 MILS GENERAL APPEARANCE: GOOD 1.5 MILS 2.0 MILS
45	TANKER	WORLD WIDE		SSPC-SPT10 1.0 YRS	, 5
50 51 52 53	i		PRIMER: POLYURETHANE COATS: POLYURETHANE COATS: POLYURETHANE COAT4; POLYURETHANE		1.5 MILS *CORROSION: 5* 1.5 MILS *COATING FAILURE: 5* 1.5 MILS GENERAL APPEARANCE; GOOD 1.5 MILS
55	TANKER	WIRLD HIDE	PRODUCT TANKS	\$SPC-SP-10 3.5 YRS	5
57 58 59 60 61 62		·	PRIMER: FPOXY, POLYAMINE COAT2: EPOXY, POLYAMINE COAT3: FPOXY, POLYAMINE COAT4: EPOXY, POLYAMINE COAT5: EPOXY, POLYAMINE	· 	1.5 MILS *CORROSION: 5% 1.5 MILS *COATING FAILURE: 5% 1.5 MILS GENERAL APPEARANCE: GOOD 1.5 MILS 2.0 MILS
63 64	TANKER	MORTO MIDE	PRODUCT TANKS	\$\$PC-\$P-10 3.5 YP\$	7
65 66 67	•	•	PRIMER: ZINÇ, INDRGANIC, P CDATZ;	OST CURF	3.0 MILS %CORROSION: 5% MILS %COATING FAILURE: 5% GENERAL APPEARANCE: GOOD

OFFSHURE POWER SYSTEMS / MARAD
SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY 10/14 AREA: PRODUCT TANKS ARFA/SYS [EM SYSTEM SHIP PERFORMANCE SURFACE FILM TYPE TRADE UF SHIP ROUTE PREPARATION AGE THICK. AGE EVALUATION 11 | 12 TANKER WURLD WIDE PRODUCT TANKS SSPC-SP-10 3.5 YRS PRIMER; ZINC, INDRGANIC, SELF CURE, WATER BASED 4.0 MILS &CORROSION: 14 . MILS &COATING FAILURE: 5% LHAT2; 17 PRODUCT TANKS SSPC-SP-10 6.0 YRS TANKER WURLD WIDE PRIMER: EPOXY, POLYAMINE
COAT2: EPOXY, POLYAMINE
COAT3: EPOXY, POLYAMINE
COAT4: EPOXY, POLYAMINE
COAT5: EPOXY, POLYAMINE
COAT5: EPOXY, POLYAMINE
COAT5: EPOXY, POLYAMINE
COAT5: EPOXY, POLYAMINE
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COAT5: EPOXY, POLYAMINE
COAT5: EPOXY, POLYAMINE
COAT5: EPOXY, POLYAMINE COAT 2: 22 COATS: 23 24 25 PRODUCT FANKS TANKER WURLD WIDE SSPC-SP-10 6.0 YRS 26 27 PRIMER: EPOXY, POLYAMIDE 2.0 MILS &CORROSION: 5% COAT 2: EPOXY, POLYAMIDE 2.0 MILS &COATING FAILURE: 5% COAT 3: EPOXY, POLYAMIDE 2.0 MILS GENERAL APPEARANCE: EXCEL PRIMER: ZINC, INORGANIC, POST CURE 3.0 MILS *CORRUSION: 5% COATING FAILURE: 5% MILS *COATING FAILURE: 5% GOOD. 34 35 TANKER WURLD WIDE PRODUCT TANKS SSPC-SP-10 8.0 YRS 39 PRIMER; EPOXY, POLYAMIDE 2.0 MILS %CORROSION; 5% COAT?: EPOXY, POLYAMIDE 2.0 MILS %COATING FAILURE: 5% COAT3: EPOXY, POLYAMIDE 2.0 MILS GENERAL APPEARANCE: EXCEL PRIMER: ZINC, INURGANIC, POST CURE
COATZ;
ST. GENERAL APPEARANCE: GOOD PRODUCT TANKS SSPC-SP-10 4.0 YRS 50 TANKER WORLD WIDE 51 54 PRUDUCT TANKS SSRC=SP=5...3.0 YRS...... 56 TANKER WORLD WIDE. PRIMER: EPDXY, PHENOLIC 5.0 MILS %CORROSION: 10% COAT2; EPDXY, PHENOLIC 5.0 MILS %COATING FAILURE: 10% COAT3; EPOXY, PHENOLIC 5.0 MILS GENERAL APPEARANCE: GOOD 58 59 61 SU. ATLANTIC PRODUCT TANKS . SSPC-SP-5 UK YRS 62 TANKER

Ç	ARFA: PRODU	JCT TANKS		SHIPS PAINIS/COA	TINGS PERFUR	MANCE SUM	MAK y	10714
'	TYPF OF SHIP			AR EA/SYS TEM	SURFACE PREPARATION	SYSTEM AGE	FILM' THICK.	SHIP PERFORMANCE AGE EVALUATION
;	TANKER	SOUTH PACIFIC	PRODUCT	I ANK S	SSPC-SP-10	UK YRS	* **	
1		· · · · · · · · · · · · · · · · · · ·	PRIMER; COAT2; COAT3;	EPOXY, POLYAMIDE EPOXY, POLYAMIDE EPOXY, POLYAMIDE		21 / 28/6 27 to	3.0 MILS 3.0 MILS 3.0 MILS	*CORRUSION: 5* *COATING FAILURE: 10* GENERAL_ARPEARANCE: GOOD
1	•	SOUTH PACIFIC			S\$PC-\$P-10			
2 2 2	0 1 2	NORTH . PACIFIC	PRIMERI. COAT 2: COAT 3;	EPOXY, POLYAMIDE EPOXY, POLYAMIDE EPOXY, POLYAMIDE		*******	2.0 MILS 3.0 MILS 3.0 MILS	*CORROSION: 10%: 10%: 10%: 10%: 10%: 10%: 10%: 10%
2	LNAVY	SOUTH PACIFIC.	PRODUCT.	TANKS	. \$ \$PC.=\$P.=10	.a.Q YBS	e fations of a Cobbooks	manifestion and in the second second second second
2 2 2		NORTH PACIFIC	PRIMER; COATZ; COATZ;	EPOXY POLYAMIDE EPOXY POLYAMIDE EPOXY POLYAMIDE	and defice to some an activity state of the	ewell to a control to the	2.0 MILS 3.0 MILS 3.0 MILS	#CORROSION: 10# #COATING FAILURE: 10# GENERAL ARPEAKANCE: GOOD
3		SOUTH PACIFIC		• • • •	\$\$PC-\$P-10			
+ 3								CORROSION: 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%
3	3							the control of the co
3		NORTH PACIFIC	PRIMEK; LUATZ; COAT3;	EPOXY, POLYAMIDE EPOXY, POLYAMIDE EROXY, POLYAMIDE	u. Te seure micronomicales	· · · · · · · · · · · · · · · · · · ·	2.0 MILS 3.0 MILS 3.0 MILS	*CORROSIUN: 10* *COATING FAILURF: 10* .GENERAL APPEARANCE: GOOD
4		WORLD WIDE			\$\$PC-\$P-10			10.
4	6							#CORROSION: #COATING FAILURE: 10% GENERAL APPEARANCE: EXCE
4	TANKER	WORLD HIDE			.\$\$P.C=\$R=.1Q. [.2 • QYR\$		2 de la contraction de la cont
5 5 5 5	0 1 2 2 4 3 4		PRIMER; COAT2; COAT4; COAT5;	LACQUER LACQUER LACQUER LACQUER LACQUER	oxefaces no see		1.5 MILS 1.5 MILS 1.0 MILS 1.0 MILS	*CORPOSION: 10* *COATING FAILURE: 10* GENERAL APPEARANCE: FAIR
5	TANKER.	WORLD WIDE	PRODUCT	TANKS	\$\$PC-\$P-6	.1 • Ω . YB \$		3
5 5 6 6)		PRIMER; COAT3; COAT4;	WASH PRIMER POLYURETHANE POLYURETHANE POLYURETHANE	nd o kkie kad i kkie kai i oki inooni kie	W. V	0.5 MILS 1.5 MILS 1.5 MILS	#CORROSION: 10# #COATING FAILURE: 10# .GENERAL APPEABANCE: FAIR
6 6	TANKER	MORTO ATOL	bkubnc í		SSPC-SP-10 3			4
6	5		PRIMER: CDAT2: CDAT3: CDAT4:	EPOXY, POLYAMINE EPOXY, POLYAMINE EPOXY, POLYAMINE EPOXY, POLYAMINE	Antor a busines, toka a rain dude, new raining as defendance of a state of the stat	end ancade debug and end of the	1.5 MILS 1.5 MILS 1.5 MILS	%CORROSIUN: 10% %COATING FAILURE: 10% GENERAL APPEARANCE: GOOD

OFFSHURE POWER SYSTEMS / MARAD
SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY AR EA E PRIDUCT TANKS PERFORMANCE SYSTEM SHIP SURFACE F II.M TYPE OF SHIP AREA/SYSIEM TRADE THICK. AGE EVALUATION PRÉPARATION AGE ROUTE 11 SSPC-SP-10 4.5 YRS 12 ITANKER WORLD WIDE PRODUCT TANKS 1.5 MILS *CORROSION: 10*
1.5 MILS *COATING FAILURE: 10*
1.5 MILS GENERAL APPEARANCE: GOOD 14 PRIMER: EPOXY, PULYAMINE CUAT2; [POXY POLYAMINE COAT3; EROXY POLYAMINE COAT4; CPOXY POLYAMINE COAT5; EPOXY POLYAMINE 15 . COATS 18 PRODUCT TANKS TANKER . . WORLD WIDE . 2.5 MILS %CORROSION: 10%
MILS %COATING FAILURE: 10%
GENERAL APPEARANCE: FAIR PRIMER: ZINC.INORGANIC.POST CURE . 22 23 i COAT 2: 25 PRODUCT TANKS SSRC-SP-10 5.5 YRS WORLD WIDE 26 TANKER 27 PRIMER: ZINC, INORGANIC, SELF CURE, WATER BASED 4.0 MILS &CORROSION: . 10% 28 1 MILS &COATING FAILURE: 10% 29 COAT 2; GENERAL APPEARANCE; POOR 30 . 11 PRODUCT TANKS SSRC#SP#10 8.0 YRS ... 32 .. TANKER WORLD WIDE . 1.5 MILS *CORROSION: 5%
1.5 MILS *COATING FAILURE: 10%
1.5 MILS GENERAL APPEARANCE: GOOD PRIMER: EPOXY, POLYAMINE EPOXY, POLYAMINE COAT 2: COAT3: 1.5 MILS 2.0 MILS EPOXY, POLYAMINE FPOXY, PULYAMINE COATS: 38 SSRC#S8#5 .3.0 YRS TANKER WORLD WIDE PRUDUCT TANKS 5.0 MILS *CORROSION: PRIMER: EPOXY.PHENULIC 5.0 MILS *COATING FAILURE: 158 5.0 MILS GENERAL APPEARANCE: FAIR COAT2: FPOXY PHENOLIC COAT3: EPOXY RHENOLIC SSPC-SP-5 4.0 YRS TANKER WORLD WIDE . PRODUCT TANKS 5.0 MILS %CORROSION: 10% 5.0 MILS %COATING FAILURE: 15% 5.0 MILS GENERAL APPEARANCE: GOOD PRIMER: EPOXY, PHENULIC COAT2: EPOXY, PHENULIC EPOXY, PHENULIC 41 50 . PRODUCT TANKS . . . SSPC-SP-5 52 TANKER 2.5 YRS WORLD WIDE 5.0 MILS %CORROSION: PRIMER: EPOXY, PHENOLIC 54 5.0 MILS &COATING FAILURE: 15% 5.0 MILS GENERAL APPEARANCE: FAIR COATZ: FPOXY PHENOLIC COATZ: EPOXY PHENOLIC 55 56 57 SOUTH PACIFIC PRODUCT TANKS SSPC-SP-10 UK YRS 50 TANKER 3.0 MILS %CORROSION: 10%
3.0 MILS %COATING FAILURE: 15%
3.0 MILS GENERAL APPEARANCE: FAIR . PRIMER: ZINC.INDEGANIC.SELF CURE.WATER BASED COATA: FPOXY, POLYAMIDE COATA: EPOXY, POLYAMIDE COATA: FPOXY, POLYAMIDE 62 COAT3: 2.0 MILS

67

TAREA: PRODUCT TANKS TRADE AREA/SYSTEM ROUTE FILM SHIP PERFORMANCE THICK. AGE EVALUATION SURFACE SYSTEM 3 PREPARATION AGE OF SHIP 11 SOUTH PACIFIC PRODUCT TANKS SSPC-SP-10 3.0 YRS 13 NAVY PRIMER: EPOXY, POLYAMIDE
COATS: EPOXY, POLYAMIDE
COATS: EPOXY, POLYAMIDE 2.0 MILS %CORROSION: 15% 2.0 MILS %COATING FAILURE: 15% 2.0 MILS GENERAL.APPEARANCE: FAIR 14 NORTH PACIFIC PRIMER; EPOXY, POLYAMIDE 15 16 3 17 II NAVY SOUTH PACIFIC PRODUCT TANKS SSPC-SP-10 3.0 YRS 19 1 2.0 MILS #CURROSION: 15%
3.0 MILS #COATING FAILURE: 15%
3.0 MILS GENERAL APPEARANCE: FAIR NORTH PACIFIC PRIMER: EPUXY POLYAMIDE 20 1 CGAT2: FPOXY, POLYAMIDE COAT3: EPOXY, POLYAMIDE 21 22 23 SSRC+SR-10 2.75 YRS PRODUCT TANKS ... 24 TANKER . . WORLD WIDE . PRIMER: EPDXY, POLYAMINE 4.0 MILS &CORROSION: 15% COATE FPDXY, POLYAMINE 4.0 MILS &CORROSION: 15% COATENG FAILURF: 15% GENERAL APPEARANCE: POOR 26 27 29 PRODUCT TANKS SSPC-SP-10 9.5 YRS TANKER WORLD WIDE 30 31 PRIMER; EPUXY, POLYAMINE
COAT2: FPOXY, POLYAMINE
COAT3: EPOXY, POLYAMINE
COAT4: FPOXY, POLYAMINE
COAT4: FPOXY, POLYAMINE
COAT5: EPOXY, POLYAMINE
COAT5 32 COATA: COATA: COATA: 34 35 | 36 37 PRODUCT TANKS SSPC-SP-10 9.5 YRS WORLD WIDE 10 38 TANKER 39 2.0 MILS **CORROSION: 15* 3.5 MILS **COATING FAILURE: 15* 3.5 MILS GENERAL APPEARANCE: GOOD 40 COAT 2: FPOXY, PULYAMIDE COAT 3: EPOXY, POLYAMIDE 41 42 : 43 4. TANKER ... WORLD WIDE .. PRODUCT TANKS ... SSPC-SP-10 .7.0 YRS 10 PRIMER: ZINC, INDRGANIC, POST CURE
COATZ:

2.5 MILS & CORROSION:
MILS & COATING FAILURE:
15%
GENERAL APPEARANCE: GOOD 46 COAT 2: 47 49 PRODUCT TANKS SSPC-SP-10 2.75 YRS 10 WORLD WIDE TANKER 50 51 PRIMER: EPOXY:PDLYAMIDE 2.0 MILS *CORROSION: 15% COAT?; EPOXY:PDLYAMIDE 5.0 MILS *COATING FAILURE: 15% GENERAL APPEARANCE: POOR 53 GENERAL APPEARANCE: POOR 54 ' 55 PRODUCT TANKS SECTSPRIQ 1.0 YRS 2 56 TANKER WORLD WIDE UXY, COAL TAR
UXY, CUAL TAR
UXY, CUAL TAR
UXY, CUAL TAR
B.O MILS #CORTING FAILURE: 15#
GENERAL APPEARANCE: FAIR PRIMER: EPUXY.COAL TAR 51 COATS: CPUXY, COAL TAK 60 SSPC-SP-10 1.0 YRS 52 TANKER WURLD WIDE PRODUCT TANKS PRIMER; EPDXY, PHENDLIC 3.0 MILS **CORROSION: 15**
COATZ: EPOXY, PHENOLIC 3.0 MILS **COATING FAILURE: 15**
GENERAL APPEARANCE; FAIR 64 65 GENERAL APPEARANCE; FAIR 66

10/14 AREA: PRODUCT TANKS AREA/SYSTEM FILM SHIP PERFORMANCE SURFACE SYSTEM TYPE TRADE OF SHIP ROUTE PREPARATION AGE THICK. AGE EVALUATION 12.TANKER WORLD WIDE PRODUCT TANKS SSPC-SP-10 3.25 YRS PRIMER; LACQUER

COA12: LACQUER

COA13: LACQUER

COA14: LACQUER

COA15: LACQUER

COA15: LACQUER

1.0 MILS GENERAL APPEARANCE: FAIR 14 15 PRIMER: EPDXY.COAL TAR
CHATZ: EPOXY.COAL TAR
PRODUCT TANKS

SSPC-SP-10 4.5 YRS

5 26 TANKER WORLD WIDE PRIMER: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

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COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER

COATE: LACQUER 29 30 31 COAT 4: CUAT 5: TANKER WORLD WIDE PRODUCT TANKS SPC-SP-10 3.5 YRS 35 PRIMER: EPOXY, COAL TAR B.O MILS & CORROSION: 159 COAT2: EPOXY, COAL TAR 8.3 MILS & COATING FAILURE: 152 GENERAL APPEARANCE: GOOD TANKER WORLD WIDE PRODUCT TANKS SRC SR 10 7.0 YRS PRIMER: LACQUER
COAT2: LACQUER
COAT3: LACQUER
COAT4: LACQUER
COAT5: LACQUER
COAT5: LACQUER
COAT5: LACQUER
COAT5: LACQUER
COAT5: LACQUER
COAT5: LACQUER PRIMER; ZINC.INURGANIC.POST CURE

3.0 MILS #CORROSION:
15#
COAT Z;
MILS #COATING FAILURE: 15#
GENERAL APPEARANCE: FAIR PRODUCT TANKS SSPC-SP-10 3-25 YRS WORLD WIDE PRIMER: ZINC. INDEGANIC. SELF. CURE. WATER BASED 3.0 MILS *CORROSIDN: 15% COAT?; 15% GENERAL APPEARANCE: FAIR GENERAL APPEARANCE: FAIR PRIMER; LPDXY, PHENDLIC

COATZ; EPDXY, RHENDLIC

SO MILS & COATING FAIL UKE: 25%

COATZ; ERDXY, RHENDLIC

SO MILS GENERAL APPEARANCE; ROOR

25%

SHIPS PAINTS/CUATINGS PERFORMANCE SUMMARY

AREA: PRODUCT TANKS TYPE TRADE OF SHIP ROUTE WURLD WIDE TANKER 14 15

. WORLD WIDE

16

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11

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30 31

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42 43

41,

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56 ı

51

60 61

62

36

20 TANKER

SURFACE SYSTEM SIÍIP PERFORMANCE AREA/SYSTEM FILM PREPARATION AGE THICK. AGE EVALUATION PRODUCT TANKS SSPC-SP-10 10 YRS 10

1.5 MILS %CORROSIUN: 25% 1.5 MILS %COATING FAILURE: 25% 1.0 MILS GENERAL APPEARANCE: POOR PRIMER: LACQUER COATE: LACQUER COATS: LACQUER COATS: LACQUER LACOVER

I.O MILS PRODUCT TANKS. SSPC #SP #10 10.5 YRS

PRIMER: EPOXY, PULYAMINE COAT3: CPOXY, POLYAMINE COAT3: CPOXY, POLYAMINE COAT5: EPOXY, POLYAMINE COAT5: EPOXY, POLYAMINE

1.5 MILS *CORROSION: 1.5 MILS *COATING FAILURE: 1.5 MILS GENERAL APPEARANCE: 1.5 MILS 2.0 MILS

SSPC-SP-10 5.0 YRS 10 WORLD WIDE PRODUCT TANKS 24 TANKER 2.5 MILS &CURROSION: 25%
HILS &COATING FAILURE: 25%
GENERAL APPEARANCE; POOR

PRIMER; ZINC, INURGANIC, SELF CURE, WATER BASED COATE

WURLD WIDE PRODUCT TANKS SSPC-SP-10 7.0 YRS 10 34 TANKER

> 2.0 MILS *CORROSION; 25% MILS *COATING FAILURE: 25% PRIMER: ZINC.INOBGANIC.POST.CUBE COAT 2: GENERAL APPEARANCE: POOR

> > \$\$PC-\$P-10 3.5 YRS

39 40 TANKER WORLD WIDE ... PRODUCT TANKS ... SSPC-SP=10 .1.0.YRS 41

PRIMER: POLYSTYRENE COATA: POLYSTYRENE

PRODUCT TANKS SSPC-SP-10 3.25 YRS 46 TANKER WORLD WIDE .

PRIMER; POLYSTYRENE COAT2: POLÝŠŤÝKÉNE

50 1 PRODUCT TANKS .TANKER WURLD WIDE.

PRIMER: EPOXY, PHENDLIC COATZ; EPOXY, PHENDLIC

PRODUCT TANKS WURLD WIDE 51 TANKER

PRIMER: EPCXY, PHENOLIC COAT2: CPOXY, PHENOLIC

10.0 MILS &COATING FAILURE: 25% GENERAL APPFARANCE: FAIR

10.0 MILS %CORROSION: 10.0 MILS %COATING FAILURE:

10.0 MILS #CORROSION:

GENERAL APPEARANCE: PUOR

3.0 MILS %CORROSION: 3.0 MILS &COATING FAILURE: 25% GENERAL APPEARANCE: POOR

3.0 MILS *CORROSIUM:
3.0 MILS *COATING FAILURE: 25% GENERAL APPEARANCE: POOR

AR	EA; PRI	ODUCT TANKS		SHIPS PAINTS/CO	na tings performanc	E SUMMAR	Υ .		•	10714
1.		TRADE ROUTE	,	NF EA / SYSTEM	SUPFACE SYS PREPARATION A	STEM F	ILM ICK.	SHIP AGE	PERFORMANCE EVALUATION	
T A	NKER	WURLD WIDE	PRUDUCT	TANKS	SSPC-SP-10 7.0	YRS		· 7		
; ; ; ;			PRIMER; COAT2; COAT3; COAT4; COAT5;	EPOXY POLYAMINI EPOXY POLYAMINI EPOXY POLYAMINI EPOXY POLYAMINI EPOXY POLYAMINI		1:	5 MILS 5 MILS 5 MILS 5 MILS	#CORR #COAT .GENER	OSION: ING FAILURE: AL APPEARANCE:	15% 25% I. FAIR
TA	NKER	, WORLD ,WIDE .	PRODUCT	TANKS .	SSPCmSP±10 3.5	YRS		7	and the second second	
,			COAT2: COAT3: COAT4:	POLYUKETHANE POLYURETHANE POLYURETHANE POLYURETHANE			5 MILS	GENER	OSION; ING FAILURE: AL_APPEARANCE:	
,TA	NKER	MUSED MIDE	PRODUCT	TANKS	\$\$PC-\$P-19 6.0	YR\$		7		
:	`		PRIMER; CUAT2;	EPOXY, COAL TAR	\$\$PC-\$P-10 6.0 \$\$PC-\$P-10 9.0	8.	O MILS	#CORR #CUAT GENER	OSION: ING FAILURE: AL APPEARANCE:	25% 25% FAJR
ďγÄ	NKER	WORLD WIDE	PRUDUCT	TANKS	~~~ \$\$PC-\$P-10 \ 9,0	YRS"		9 ~	construe who tring is in the intermediate.	i ki i wadani waki ki Ku
.:			PRIMER; COAT2; COAT3; COAT4; COAT5;	LACQUER LACQUER LACQUER LACQUER LACQUER LACQUER		1 •	5 MILS 5 MILS 5 MILS 5 MILS	選CORR 第COAT GENER	OSION: ING FAILURE: AL APPEARANCE:	25% 25% 6000
ŤÀ	NKFŘ 🍐 🗀	WORLD WIDE	bkunnct.	TANKS	" \$\$PC-\$P-10	YRS	e and south can be		and and the second section of the second second second second second second second second second second second	. #
		S	PRIMER; COAT2; COAT3; COAT4; COAT5;	EPOXY, POLYAMIN EPOXY, POLYAMIN EPOXY, POLYAMIN EPOXY, POLYAMIN EPOXY, POLYAMIN	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,	5 MILS 5 MILS 5 MILS 5 MILS	KÇORR BCOAT GENER	OSIDN: ING FAILURE: AL APPEARANCE	25% 25% G00D
ŤĀ	NKER	MOR TO MIDE	PRODUCT	TANK S	SSPC-SP-10 5,5	i YRS'''	· Fredrick was	9 ′′′	mate down in the desired bearing	. M. 4. 4. 449; N.
		•	PRIMER: COAT2:	ZINC, INURGANIC	POST CURE	3 ₁	O WILS	S ZCORR S ZCOAT GENER	OSTON: ING FAILURE: AL APPEARANCE	25% 25% POOR
'J A	WKFR	APKED AJDE	bsobác (TANK S	\$\$PC-\$P-10 5.5	YKS		9	·.	
•			PRIMER: CUAT2:	ZINC, INDRGAMIC	, POST CURE	3.	O MILS	S TOORR S TOORT	OSION: ING FAILUPE: AL APPEARANCE	
	MKER	MORTD MIDE	SKODUCT	1 ANK'S	" SSPC-SP-10" 5,5	S YPS	* *****	9	/ 11	** ** * **
3 4 / . 5 ,			PRIMER: COAT2:		POST GURE.,		O MILS	S #CORR S. #COAT GENER	OSION: ING FAILURE: AL APPEARANCE	25% 25% POOR
i					n der grammanden von CK gg				•	

AREA: PRODUCT TANKS

			AMEA/SYSTEM							
	. WURLD WIDE		TANKS ZINC, INURGANIC, I TANKS							25% 25% 2008
l		PRODUCT PRIMERT COAT2:	TANKS ZINC.INGRGANIC.	SSPC-SP-10 POST. CURE	7.0 YRS	2.•Q	MILS MILS	TO TOOR! SENE!	ROSION: TÍNG FAILURE: RAL APPEARANCE:	50% 50% POOR
TANKER,		PRIMER; COAT2: COAT3: COAT4:	WASH PRIMER POLYURETHANE POLYURETHANE POLYURETHANE TANKS POLYSTYRENE TANKS		, , , , , , , , , , , , , , , , , , ,	0.5	MILS MILS MILS	*CORF *COA GENEI	ROSIUN: TING FÄILURE: RAL APPEARANCEL	25% 50% P.Q.OR
ANKER	Ankrit Mitte	PRIMER: COAT2;	POLYSTYRENE POLYSTYRENE		· · · · · · · · · · · · · · · · · · ·	10.0	MILS	CORF COAT GENEI	ROSION: TING FAILURE: BAL APPEARANCE:	50% 50% POOR
the contract of the contract o	Committee of the commit	PRIMER;	POLYSTYRENE RCLYSTYRENE	ha assistantianenses autorina salaisiak	r Maria (the and frequencies)	10.0	MILS.	CONFI CENER	ROSION: FING FAILURE: "[[]] RAL APPEARANCE:	50% 50% UNS/
TANK FR	WORLD WIDE	PRODUCT PRIMER; COATZ: COATZ:	TANKS EPDXY, POLYAMINE EPOXY, POLYAMINE EPOXY, POLYAMINE TANKS	SSPG-SP-10	3 +5 YRS	2.0	MILS	7 ECORI ECORI GENEI	ROSION: TING FAILURE: RAL APPEARANCE:	25% 50% P00j
Line with		PRIMER: COAT2;	EPOXY PHENDLIC	and the second second second second		3.0 3.0	MILS MILS	"CURF COAT GENER	ROSIUN: TING FALLURE: KAL APPEARANCE:	25% 50% PÜÜR
• • •	MOSTO MIDE	PRIMER: COAT2; COAT3;	TANKS FPOXY, POLYAMIDE EPOXY, POLYAMIDE EPOXY, POLYAMIDE	ing a second sec	PAP TRA	4.0 4.0 4.0	MILS MILS MILS	#CORF #COAT GFNET	ROSION: TING FAILURE: RAL APPEARANCE:	50% 50% UNSA
TANKER			TANKS EPOXY POLYAMINE EPOXY POLYAMINE FPUXY POLYAMINE							

AREA; PROD	UCT TANKS				
TYPE OF SHIP	ŤŘAĐE ROUTE	ARCA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM :	SHIP PERFORMANCE AGE EVALUATION
TANKER	WORLD WIDE	PRODUCT TANKS	SSPC-SP-10 5.5 YRS		9
		PRIMER: POLYURETHANE COAT2: POLYURETHANE COAT3: POLYURETHANE COA14: POLYURETHANE		1.5 MILS 1.5 MILS 1.5 MILS 1.5 MILS	#CORROSION: 50% #COATING FAILURE: 50% GENERAL APPEARANCE: UNSA
TANKER	WORLD WIDE	PRODUCT TANKS	SSPC-SP-10 B.O YRS		9
		PRIMER: EPOXY, COAL TAR		8.5 MILS 8.0 MILS	*CORROSION: 50% *COATING FAILURE: 50% GENERAL APPEARANCE: POOR
TANKER	MOKED MIDE	PRODUCT TANKS	SSPC-SP-10 8.0 YRS	•	9
!	·	PRIMER: EPOXY, PHENOLIC COA12: EPOXY, PHENOLIC		3.0 MILS	*CORROSION: 50% *COATING FAILURE: 50% GENERAL APPEARANCE: POOR
TANKEF	MOKED ATOF	PRODUCT TANKS	SSPC-SP-6 3.5 YRS		5 .
· •		PRIMER: WASH PRIMER COAT2: POLYURETHANE COAT3: PCLYURETHANE COAT4: POLYURETHANE		0.5 MILS 1.5 MILS 1.5 MILS	#CORROSION: 75% #COATING FAILURE: 75% GENERAL APPEARANCE; UNSA
TANKER	WORLD WIDE	PRODUCT TANKS	SSPC-SP-10 3.5 YRS		5
• • • • • • • • • • • • • • • • • • • •		PRIMER: POLYSTYRENE. COAT2; POLYSTYRENE		10.0 MILS 10.0 MILS	CORROSION: 75% COATING FAILURE: 75% GENERAL APPEARANCE: UNSA
TANKER	WORLD WIDE	PRODUCT TANKS	SSPC-SP-10 5.5 YRS		9
	•	PRIMER: EPOXY, POLYAMIDE COATZ: EPOXY, POLYAMIDE COATZ: EPOXY, POLYAMIDE		4.0 MILS 4.0 MILS 4.0 MILS	### ### ### ### ### ### ### ### ### ##
TANKER	MORLD WIDE	PRODUCT TANKS	SSPC-SP-10 2.75 YRS		10
		PRIMER: LACQUER COATZ: LACQUER COATZ: LACQUER		2.0 MILS 2.0 MILS 2.0 MILS	CORROSION: 90% COATING FAILURE: 30% GENERAL APPEARANCE: UNSA
TANKER	NO. ATLANTIC	PRODUCT TANKS	SSPC-SP-5 UK YRS		
		PRIMER: ZINC, INDRGANIC, COAT2: EPOXY, DIHER COAT3: EPOXY, OTHER	SELFCURE SOLVENT BASE	30 MILS 60 MILS 60 MILS	#COPROSIUN: 75% #COATING FAILURE: 100% GENERAL APPEARANCE: POOR
		COAIS: EPUXT UI HER		o • o MILS	GENERAL APPEARANCE: POU
. . I		•		:	

) AREA: BALLAGT TANKS

AREA; BALL , OF SHIP	TPADL ROUTE	AREA/SYSTEM	SURFACE SY PREPARATION	STEM AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
CONTAINER	NO. ATLANTIC	HALLAST TANKS PRIMER: NONE CUATZ;	SSPC-SP-6 2.	O YRS	MILS	2 *CORROSION: *COATING FAILURE: GENERAL APPEARANCE:	. ,
CONTAINER	NO. ATLANTIC	BALLAST TANKS PRIMER: NONE. COAT2:	SSPC-SP-6 4.	O YRS	MILS	4 S. %CORRUSION: S. COATING FAILURE: GENERAL APPEARANCE:	
TANKER	NU. ATLANTIC	BALLAST TANKS PRIMER: EPOXY:OTHER COAF2: FPOXY:PIHER	SSRC-SP-10 5.		5.0 MILS	CURROSION: COATING FAILURE: GENERAL APPEARANCE:	 በድ
I ANKER	MORLD VIDE	PRIMER: VINYL COATZ: VINYL TAR COATZ: VINYL TAR	SSPC-SP-10 •7		.6 MILS 4.0 MILS 4.0 MILS	O1 #CORROSION: #COATING FAILURE: GENERAL APPEARANCE:	OX OX EXCE
TANKER 	NORTH PACIFIC	BALLAST TANKS. PRIMER: ZINC.INORGANIC.S CDATS:	SSPC=SP-10 5.1 SELF CURE, WATER 1		MILS	#CORRUSION: #COATING FAILURE: GENERAL APPEARANCE:	1% EXCE
TANKER	NO. ATLANTIC 	PRIMER: ZINC, INDRGANIC, COATZ: FPOXY, KETAMINE	THER		3.0 MILS 6.0 MILS	*CORRUSION: *COATING FAILURE: GENERAL APPEARANCE:	. 12 , 13 , EXCE
TANKER	SOUTH PACIFIC	PRIMER: EPUXY, KETAMINE CHATZ; POXY, KETAMINE			3.0 MILS 3.0 MILS	*CORROSION: #COATING ALLURE: GENERAL APPEARANCE:	1% 1% EXCE
TANKER	NURTH PACIFIC	PRIMER: ZINC.INORGANIC.COAT?: EPOXY, KETAMINE COAT3: EPOXY, KETAMINE	OTHER.		2.5 MILS 4.0 MILS 4.0 MILS	*CORROSIUN: *COATING FAILURE: GENERAL APPEARANCE:	OX 1 % EXCE
TANKER		BALLAST TANKS PRIMER: EPUXY, PULYAMIDE CDAT2: EPOXY, POLYAMIDE	\$\$RC-\$P-10 1.6	•	2.0 MILS	*COPRUSIUN: *COPRU	1% 1% EXCE

AREA: BALLAST TANKS	İ					
TYPE THAD		AREA/SYSTEM			M SI	TIP PERFURMANCE AGE EVALUATION
TANKER NÚ. ATLA						entre et a le service de la se
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PRIMER: COAT2:	EPOXY, POLYAMIDE PUXY, OTHER	MERCEL ESPERANCE IN NO. 1 TO 1 TO 1 MINUSEL AND 1	2.5 8.0	MILS MILS	CORROSION: COATING FAILURE: 13 GENERAL APPEARANCE: EXCE
TANKER PERSIAN	GULF BALLAST	TANKS	SSPC-SP-10 4.0	YRS		1
20 <u>1</u>	. PRIMER: COAL2: COAT3;	ZINC ORGANIC FPOXY LOAL TAR EPOXY COAL TAR	THE RESERVE AND AND ADDRESS OF THE PERSON OF	5.0 5.0	MILS O	CORROSION: COATING FAILURE: 1% GENERAL APPEARANCE: EXCE
	MEX BALLAST	TANKS	SSRC=SP=101.25	YRS	· •·du/• • • • • • • •	the transfer of the second of
26 27 28	PRIMER: CDA[2;	ZINC, INDRGANIC, D' EPOXY, POLYAMIDE	THER	3.0	MILS	CORROSION: COATING FAILURE: 1% GENERAL APREARANCE: EXCE
29 30 TANKER NORTH PA	CIFIC BALLAST	TANKS	SSPC-SP-10 5	YRS		
						CORROSION: 18 18 18 18 18 18 18 18 18 18 18 18 18
BUEISHINGNORTH.EA	CIFIC BALLAST	T ANK S	.SSRC=SA=10UK.	YRS	ادر درستان درست	er ja kan kan kan kan kan kan kan kan kan ka
6 9 0	PRIMER: COAT2:	EPUXY.CUAL TAR POXY.CUAL TAR	e e e e e e e e e e e e e e e e e e e	8.0 8.0	MILS	CORROSION: 12 COATING FAILURE: 13 GENERAL APPEARANCE: EXCE
II IZ NAVY NO. ATLA	NTIC BALLAST	TANKS	SSPC=SP=10 UK	YRS		
NORTH PA	CIFIC PRIMER: COAT2:	EPOXY, POLYAMIDE EPOXY, OTHER	e gange and an anti-catalog and anti-catalog and an anti-catalog and an anti-catalog and an anti-catalog and an anti-catalog and an anti-catalog and an anti-catalog and an anti-catalog and an anti-catalog and an anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and anti-catalog and an	4.3	MILS	CORROSION: COATING FAILURE: 12 GENERAL APPEARANCE: EXCE
A. HTUQ2 YVAM.	CIFIC, BALLAST	TANKS	.SSPC=SR=103.0	YB\$	n, va	er y versioner en en en en en en en en en en en en en
NORTH PA	CIFIC PRIMER; COAT2; COAT3;	EPOXY POLYAMIDE EPOXY POLYAMIDE EPOXY POLYAMIDE	e de la companya de l	2.0 3.0 3.0	MILS MILS	CORROSION: 18 COATING FAILURE: 12 GENERAL APPEARANCE: GOOD
NAVY SOUTH PA	CIFIC BALLAST	TANKS	SSPC-SP-10 3.0	YRS		
SS NURTH PA	CIFIC PRIMER: COATZ: COATZ:	EPOXY, POLYAMIDE FPOXY, POLYAMIDE EPOXY, POLYAMIDE	and the second s	2.0 3.0 3.0	MILS MILS	CORROSION: COATING FAILURE: 18 GENERAL APPEARANCE: GOOD
LNG NO. ATLA	NTIC . BALLASE	TANKS	.\$\$PC#\$R#10 5.	YB\$ '		and the Palamer of Concern tables of the Shares of the Assessment of the Concerns of the Conce
12 13 14 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PRIMER; CDAT2;	EPOXY KETAMINE	19° 12° 12° 12° 12° 12° 12° 12° 12° 12° 12	4.0 4.0	MILS	CORRUSIUM: 18 COATING FAILURF: 58 GENERAL APPEARANCE; EXCE

AREA: BALLAST TANKS

١	AURAL BURE	Wat tutka				
10	I YPT L. OF SHIP	TRADE	ė	AR FA / SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM SHIP PERFÜRMANCE THICK. AGE EVALUATION
	DRY CARGO	NURTH PACIFIC			SSPC-SP-10 5 YRS	
14 15)	,	PRIMER:	ZINC, INORGANIC, OF FPOXY, UTHER	THER	3.0 MILS %CORROSION: 1% 8.0 MILS %COATING FAILURE: 5% GENERAL APPEARANCE: EXCEL
17 11 11	DRY CARGO	SOUTH PACIFIC			S:SPC-SP-10 12 YRS	•
20		NORTH PACIFIC CARIBBEAN	PRIMER: CUATZ: COAL3:	ZINC, ORGANIC CPOXY, POLYAMIDE EPOXY, POLYAMIDE	• • • • • • • •	3.5 MILS CORROSION: 5% 3.5 MILS COATING FAILURE: 5% 3.0 MILS GENERAL APPEARANCE: GOOD
23	NAVY	SOUTH PACIFIC	BALLAST	TANKS	SSPC-SR-10 3.0 YRS	
28 21 20		NORTH PACIFIC	PRIMER: CUAI2: COAI3:	EPOXY, POLYAMIDE EPOXY, POLYAMIDE EPOXY, POLYAMIDE		2.0 MILS %CORROSION; 5% 3.0 MILS %COATING FAILURE: 5% 3.0 MILS GENERAL APPEARANCE: FAIR
29 30 31	TANKER	NORTH PACIFIC	BALLAST	TANKS	\$\$PC-\$P-10 5 YRS	
32 33 34			PRIMER; COAT2;	ZINC.INÜRGANIC.SI	ELF CURE.WATER BASEC	3.0 MILS %CORROSION: 1%: MILS %COATING FAILURE: 5% GENERAL APPEARANCE: EXCEL
35 36	DRY CARGO	NU. ATLANTIC	BALLAST	T ANK S	\$\$PC-\$P-5 5.0 YRS	in the state of th
37 38 39 40	•		PRIMER; CDAT3;	EPOXY, KETAMINE EPOXY, KETAMINE	ENT	1.5 MILS &CORROSION: 10% 5.0 MILS &COATING FAILURE: 10% 5.0 MILS GENERAL APPEARANCE: POOR
42			BALLAST	T ANK S	SSPC-SP-5 2.0 YRS	ł.
44 45 46 47	,	NO. ATLANIIC	PRIMER: LOAT2: COAT3:	EPOXY, ONE COMPONE EPOXY, KETAMINE EPOXY, KETAMINE	INT Comment of the comment	1.5 MILS &CORROSION 5.0 MILS &COATING FAILURE: 10% 5.0 MILS GENERAL APPEARANCE; FAIR
48	FISHING	CARIBUEAN	BALLAST	TANKS	\$\$PC#\$P#10 12 YR\$	
50 51 52	la co		PRIMER; CDAT?; CDAT3;	ZINC, ORGANIC EPOXY, PULYAMIDE EPOXY, COAL TAR.	· · · · · · · · ·	3.5 MILS %CORROSION: 10% 3.5 MILS %COATING FAILURE: 10% 4.0 MILS GENERAL APPEARANCE: GOOD
53 54	NAVY	SOUTH PACIFIC	BALLAST	TANKS	\$\$P\$-\$P-10 3.0 YRS	
55 56 57 51 51		NORTH PACIFIC	PRIMER: COAT2: COAT3:	EPOXY POLYAMIDE . EPOXY COAL TAR EPOXY COAL TAR		2.0 MILS %CORRUSION: 10% 8.0 MILS %COATING FAILURE: 10% 9.0 MILS GENERAL APPEARANCE: FAIR
60 61	TANKER	SOUTH PACIFIC	BALLAST		SSPC-SP-10 UK YRS	
62 63 64			PRIMER: CDAT2: CDAT3:	EPOXY, POLYAMIDE EPOXY, POLYAMIDE EPOXY, POLYAMIDE	e e amendo e e e e e	3.0 MILS %CORROSION: 10% 3.0 MILS %COATING FAILURF: 15% 3.0 MILS GENERAL APPEARANCE: FAIR

SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

AREA; BALLAST TANKS

TYPE	TRADE	AR FA / SYSTEM	SURFACE SYSTEM	FILM	SHIP PERFORMANCE
OF SHIP	ROUTE		PREPARATION AGE	THIČK.	AGE EVALUATION
12 TANKER 13	SOUTH PACIFIC		SSPC-SP-10 UK YRS		
14 15 16 j		PRIMER: EPOXY, POLYAMIDE COAT3: EPOXY, POLYAMIDE		3.0 MILS 3.0 MILS 3.0 MILS	%CORROSION: 10% %COATING FAILURE: 15% GENERAL APPEARANCE: GOOD
NAVY	SOUTH PACIFIC	BALLAST TANKS	SSPC-SP-10 3.0 YRS		
20 - - 21 - 12 - 13 -	NORTH PACIFIC	PRIMER: EPUXY, POLYAMIDE COATS: EPOXY, POLYAMIDE		2.0 MILS 3.0 MILS 3.0 MILS	%CORROSION: 15% %COATING FAILURE: 15% GENERAL APPEARANCE: FAIR
HAVY.	SOUTH PACIFIC	HALLAST TANKS	./SSRC+SR+10., 3.0.YRS	7 , p () () () () () () () () () (الموارات والأكفية والمرابس فالمناب كساد
6 7 8 8	NORTH PACIFIC	PRIMER; EPUXY, POLYAMIDE COATS: EPOXY, POLYAMIDE COATS: EPOXY, POLYAMIDE.	· · · · · · · · · · · · · · · · · · ·	2.0 MILS 3.0 MILS 3.0 MILS	*CORROSION: 15% *COATING FAILURF: 15% GENERAL APPEARANCE: POOR
NAVY	NORTH PACIFIC	BALLAST TANKS	SSPC-SP-10 3.0 YRS		03
2		PRIMER: EPOXY, POLYAMINE COAT2: EPOXY, POLYAMINE EPOXY, POLYAMINE		2.0 MILS 2.0 MILS 4.0 MILS	*CORROSION: 15% CONTING FAILURE: 15% GENERAL APPEARANCE: POOR
	WORLD WIDE		SSPCTSB#10 2.25 YRS.		m. 7
9	as a Mar a	PRIMER: ZINC, INURGANIC, PCOAT2;	OST CURE	3.0 MILS	#CORROSION: 25% #COATING FAILURE: 25% GENERAL APPEARANCE: POOR
CONTAINER	SOUTH PACIFIC	BALLAST TANKS			05
6		PRIMER: EPANOL, PHENOXY COAT2: EPOXY, KETAMINE COAT3: EPOXY, KETAMINE	The second secon	1.5 MILS 4.0 MILS 4.0 MILS	*CORROSION: 17 50% 50% GENERAL APPEARANCE; POOR
	PERSIAN. GULF	BALLAST TANKS	SSPCmSRm58*0 YRS.		and the contract of the contra
0 1 2 3		PRIMER: ZINC, INORGANIC, S COQ12;	ELF CURE, WATER BASED	3.0 MILS	#CORROSION: 50% COATING FAILURE: 50% GENERAL APPEARANCE: POOR
TANKER	NORTH PACIFIC	BALLAST TANKS	SSPC-SP-10 UK YRS		
5 7 8	SO. ATLANTIC CARIBBEAN MEDITEERANEAN	PRIMER: ZINC.ORGANIC CDAT2: BITUMENOUS COAT3: BITUMENOUS	· · · · · · · · · · · · · · · · · · ·	50 MILS 30 MILS 30 MILS	*CORROSIUN; 50% *COATING FAILURE: 50% GENERAL APPEARANCE; POOR
NAVY		BALLAST TANKS	SSPC+SP=5 UK YRS	¥ × 4 + =	
2 3 4 5	WEST INDIES NO. ATLANTIC SO. ATLANTIC NORTH PACIFIC	PRIMER: EPOXY, PULYAMIDE COAT2; EPOXY, POLYAMIDE COAT3: ERUXY, POLYAMIDE		3.0 MILS 3.0 MILS 3.0 MILS	#CORROSION: 50% #COATING FAILURE: 50% GENERAL APPEARANCE: FAIR
5	. , .	* ** ***			

AREA: MACH	INLKY SPACES			,	
TYPE OF SHIP	TRADE ROUTE	AR CA/SYSIEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION
12 TANKER	NO. ATLANTIC	MACHINERY SPACES	SSPC-SP-5 3 YRS		03
14 15 16 (SU. ATLANTIC CARIBBEAN	PRIMER: CHLORINATED RUBE COATE: CHLORINATED RUBE	SER SER	4.0 MILS 2.0 MILS	#CORROSION: 0# #COATING FAILURE: 0# GENERAL APPEARANCE: EXCEL
ITANKER	NO. ATLANTIC	MACHINERY SPACES	\$\$PC-\$P-5 2 YR\$		0.2
19 20 21	SO. ATLANTIC	PRIMER: CHLURINATED RUBE CHATZ; CHLORINATED RUBE	JER	4:0 MILS	#CORROSION: CONTING FAILURE: 0% GENERAL APPEARANCE: EXCEL
CONTAINER	SOUTH RACIFIC	MACHINERY SPACES	IISSPC=SR=6:LL6.Q YRSI	e of the gray	05. 77. 37. 6. 6. 6. 6. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.
26	, , , , , , , , , , , , , , , , , , ,	PRIMER; EPANOL PHENUXY COATZ: ALKYD COAT3: ALKYD	enter a wear very a grant top a service responsible constitution become	1.5 MILS	*CORROSION: 1* *COATING FAILURE: 1* .GENERAL APPEARANCE: GOOD
?9 30		COATS: ALKYD		1.5 MILS	
		MACHINERY SPACES	LASSPORSPE10 LUKLYRS	, #	and the state of the state of the state of the state of the state of the state of the state of the state of the
34 35 6		PRIMER: ZINC.ORGANIC CHATZ: ALKYD COAT3: ALKYD	. N. N	10 MILS 30 MILS 20 MILS	*CORROSION: 1* *COATING FAILURE: 1* .GENERAL APPEARANCE: GOOD!
TANKER	PERSIAN GULF	MACHINERY SPACES	SSPC-SP-3 4.0 YRS		•
10 1 11 1 12 1		PRIMER: WASH PRIMER COAT2: ALKYD COAT3: ALKYD COAT4: ALKYD	general construction was declarated comment transactions and the	O.S.MILS O.8 MILS O.8 MILS O.8 MILS	*CORROSION: COATING FAILURE: 12 GENERAL APPEARANCE: EXCEL
H.; IS TANKER	NÜRTH PÄCLFIC	MACHINERY SPACES	SSPC-SP-10" UK YRS	n renamen i samenmerginii zi	Strain and the second strain and the second
17 18 /	SU. ATLANTIC CARIBBEAN MLDITEKRANFAN	PRIMER: 7INC, ORGANIC COAT2: EPOXY, COAL TAR COAT3: EPOXY, COAL TAR COAT4: EPOXY, COAL TAR	the first term of the second o	50 MILS 20 MILS 20 MILS 20 MILS	#CORROSION: 13 #COATING FAILURE: 12 GENERAL APPEARANCE: GOOD
CONTAINER.	NO. ATLANTIC	MACHINERY SPACES	\$\$PC7\$P±102.0.YB\$	eren i i i i i i i i i i i i i i i i i i i	2
54 : 55 :		PRIMER: ZINC, INORGANIC, S COATZ: VINYL ACRYLIC	ELFCURE, SOLVENT BASE	3.0 MILS	#CORRUSIUN: 0# #COATING FAILURE: 17 GENERAL APPEABANCE: GOOD.
		MACHINERY SPACES	\$\$PC-\$P-10 4.0 YR\$	•	4
51 :		PRIMER: ZINC INURGANIC S COAT 2: VINYL ACRYLIC	ELECURE, SOLVENT BASE	2.0 MILS	*CORROSION: 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%

(\cdot)	AREA; MACH	INERY SPACES	31111 3 1 7 1111 37 6 6	· ·	1170	•	
1	TYPE OF SHIP	TKADE ROUTE	AREA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
į	DRY CARGO	NU. ATLANIIC	MACHINERY SPACES	SSPC-SP-6 5.0 YRS		• •	
	, 4 5 ' 6 i		PRIMER: EPOXY, ONE COMPORE CONTOCONTOCONTOCONTOCONTOCONTOCONTOCONT	NENT NENT	1.5 MILS 1.5 MILS 4.0 MILS	%CORROSION: %COATING FAILURE: "GENERAL APPEARANCE:	13 13 13 14
i: 1:			MACHINERY SPACES	SSPC-SP-6 2.0 YRS			
21]	NO. ATLANTIC	PRIMER: EPOXY, ONE COMPORE COM	NENT	1.5 MILS 1.5 MILS 4.0 MILS	CORROSION; COATING FAILURE: GENERAL APPEARANCE;	IX IX EXCE
2:	DRY CARGO	SOUTH PACIFIC	MACHINERY SPACES	. SSPC-SP-10 / 8 . YRS .	and the second of	And the second of the second o	
21		NORTH PACIFIC CARIBBEAN	PRIMER: ZINC, INGRGANIC, S CDAT2: WATER BURNE, FPOX COAT3: WATER BORNE, EROS	SELF CURE, WATER BASED XY XY	3.0 MILS 3.5 MILS 3.5 MILS	%CORRUSION: %COATING FAILURE: GENERAL APPEARANCE:	1% 1% EXCE
31 1	NAVY	SOUTH PACIFIC	MACHINERY SPACES	SSPC-SP-10 3.0 YRS	,		
+ 32	# # / / / / / / / / / / / / / / / / / /	NORTH PACIFIC	PRIMER: EPOXY, POLYAMIDE COAT3: EPOXY, POLYAMIDE COAT3:		2.0 MILS 3.0 MILS 3.0 MILS	*CORRUSION: *COATING FAILURE: GENERAL APPEARANCE;	13 . 13 6000
36 36	'TANKÉR	NORTH PACIFIC	MACHINERY SPACES	. SSPC-SP-3 2.Q YRS		· · · · · · · · · · · · · · · · · · ·	gelg / x
31 39 46	, , , , ,		PRIMER: EPANOL, PHENOXY COAT2; ALKYD	e de la companya del companya de la companya del companya de la co	2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE:	5% 5% 6000
42	TANKER	NURTH PACIFIC	MACHINERY SPACES	SSPC-SP-3 2.0 YRS			
46 45	; ;		PRIMER: EPANOL, PHENOXY CDAT2: ALKYD COAT3: ALKYD	· · · · ·	1.5 MILS 2.0 MILS 2.0 MILS	%CORROSION; %COATING FAILURE: GENERAL APPEARANCE:	5% 5% 6000
41	TANKER	NO. ATLANTIC	MACHINERY SPACES	. SSPC-SP-6 2.0 YRS	•	,	
50 51 52			PRIMER: EPANOL, PHENOXY COATE: ALKYO COATE: ALKYO	,	1.5 MILS 2.0 MILS 2.0 MILS	%CORROSION: &COATING FAILURE: GENERAL APPEARANCE;	5% 5% GÑQO
56 55	FISHING	CARIBBEAN	MACHINERY SPACES				
56 57 58 59			PRIMER: ZINC, ORGANIC COAT2: FPUXY, POLYAMIDE COAT3: OTHERS		3.5 MILS 3.5 MILS 3.0 MILS	%CORROSION: &COATING FAILURE: GENERAL APPEARANCE:	5% 5% 6000
53 60	FISHING	NORTH PACIFIC	MACHINERY SPACES:	SSPC-SP-3 UK YRS	•		
62 63 64	· •		PRIMER: ALKYD CUATZ: EPUXY, ESTER	~ · · · · · · · · · · · · · · · · · · ·	2.0 MILS 2.0 MILS	CORROSIUN: COATING FAILURE: GENERAL APPEARANCE:	1 % 5 % GÑOD
68 68	••						

AREA: MACHINERY SPACES

7]	AREA: MACH	IMERY SPACES				•	
9	TYPE OF SHIP	TRAVE ROUTE	AR EN / SYSTEM	SUPFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
12	TANKER	NU. ATLANTIC	MACHINERY SPACES	SSPC-SP-3 2 YRS			
14 15 16			PRIMER: EPANUL, PHENOXY COATZ; ALKYD		1.5 MILS 2.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE:	10% 10% 6000
17	TANKER		MACHINERY SPACES	SSPC-SP-3 2 YRS			
20 21 22			PRIMER: EPANUL.PHENCXY COATZ: ALKYD		2.0 MILS	%CORROSION: #COATING FAILURE: GENERAL APPEARANCE;	10% 10% 6000
23 24	TANKER		MACHINERY SPACES				
25 26 27 28	•	· · ·	PRIMER: EPANOL, PHENGXY COAT2: ALKYD	the control time of the control of t	1.5 MILS 2,2 MILS	*CORROSION: *COATING FAILURE: .GENERAL APPEARANCE:	10% 10% 6000
29 30	LNG	NO. ATLANTIC	MACHINERY SPACES				
32 33 34	L		PRIMER: ALKYD, MODIFIED CHATS: ALKYD, MODIFIED	ACRYLIC	2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE:	5% 10% 6000
35	TANKER		MACHINERY SPACES			e a didina a como escerción de la contraction de	1 desired
38 39 40	: !n	· ,	PRIMER: EPANUL, PHENUXY COATZ; ALKYD	e secondario de la companya della companya della companya de la companya della co	2.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENEBAL.APPEARANCE:	10% 10% 6000
41	;NAVY		MACHINERY SPACES				
44 45 46 47	<u> </u>	NORTH PACIFIC	PRIMER: EPOXY.POLYAMIDE COAT2; EPOXY.POLYAMIDE EPOXY.POLYAMIDE	Contract Contract of the Contr	2.0 MILS 3.0 MILS 3.0 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE:	. 10% . 10% 600D
48	TANKER	SOUTH PACIFIC	MACHINERY SPACES ! 32 1	SSPC = SP = 3 UK YRS	e , ce	NAS A SAN A	
50 51 52			PRIMER: EPOXY, COAL TAR CHATZ: FPUXY, COAL TAR	Acamahan saara kasaasa caaca	8.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE:	15% 25% FAIR
53 54 55	NAVY	NU. ATLANTIC	MACHINERY SPACES	SSPC-SP-10 UK YRS			
55 57 58		NORTH PACIFIC	PRIMER: EPOXY, POLYAMIDE CHATZ: OTHERS COAT3: OTHERS		4.0 MILS 4.5 MILS 4.5 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE:	5% 25% 600D
60 61	NAVY	SOUTH PACIFIC	MACHINERY SPACES	LLSSPCESPEIQLE3.Q YRS		· No. 8 (45)	
62 63 64 65		NORTH PACIFIC	PRIMER: EPOXY.POLYAMIDE COAT2: EPOXY.POLYAMIDE COAT3: EPOXY.POLYAMIDE	ende anticono de acomuna a acomuna a se con manda con a	2.0 MILS 3.0 MILS 3.0 MILS	*CORROSION: *COATING FAILURE: .GENERAL APRÉARANCE:	25% 25% _POOR.

AREA; MACHINERY SPACES

ROUTE

TYPE TRADE OF SHIP

ARFA/SYSTEM

SURFACE PREPARATION AGE

THICK.

SHIP PERFORMANCE AGE EVALUATION

TANKER

27 1

30 31

35

38 39

51

54 55

58 59 60

62 63

SOUTH PACIFIC MACHINERY SPACES

SSPC-SP-3

UK YRS

PRIMER: EPOXY, COAL TAR COATE: FPIXY GUAL TAR

8.0 MILS *CORROSION: 50% 8.0 MILS &COATING FAILURE: 75%

) ;	AREA: UNDE	KWATER BUTTON	UFFSHCRE POWER SYSTEMS / MARA SHIPS PAINTS/CUATINGS PERFURMANCE S FLATS	SUMMARY .	AGE 1 10/14/
10	UF SHIP	TRADE ROUTE	AREA/SYSTEM SURFACE SYSTEM PREPARATION AGE		• • •
13 14 15 16 17 18	EDRY CARGO	ENG. CHANNEL	UNDERWATER BOITOM FLATS \$\$PC-\$P+10 2 YE PRIMER: VINYL TAR COAT2: VINYL TAR COAT3: ANTIFOULING.COPRER/ORGANOMETALIC		0% 6000
20 21 22 23 24 25 26 27	•	, , , , , , , , , , , , , , , , , , , ,	PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: BITUMENOUS COATS: BITUMENOUS COATS: BITUMENOUS COATS: BITUMENOUS COATS: ANTIFOULING, CHLORIN, RUBBÉR, COPPER		
28 29 30 31 32 33 34 35	LORY CARGO		PRIMER; BITUMENOUS COATS: N.F. ROSIN SDAR, CORPER	4.0 MILS *CORROSION; 1.5 MILS *COATING FAILURE: 2.0 MILS GENERAL APPEARANCE; *FOULING TYPE FOULING:	O% O% EXCEL
36 37 38 39 40 41 42 43			UNDERWATER DOTTOM FLATS H.P. WASH 1. YE PRIMER; BITUMENDUS COATZ: BITUMENDUS COATZ: BITUMENDUS COATZ: A.F., ROSIN SCAP, COPPER COATZ: A.F., ROSIN SCAP, COPPER	1.5 MILS *CORROSION: 1.5 MILS *COATING FAILURE: 2.0 MILS GENERAL APPEARANCE: 2.0 MILS *FOULING:	OZ OZ EXCELI
46 45 46 47 48 49 50 51			UNDERWATER BOTTOM FLATS H.B. WASH 1.5.YE PRIMER: BITUMENOUS COATZ: A.F., ROSIN SUAP, COPPER		0% 0% EXCEL 0%
52 53 54 55 56 57 58	i	NN KNO AN	UNDERWATER BOTTOM FLATS H.R. WASH 1.5 YE PRIMER; BITUMENOUS COATS: BITUMENOUS COATS: A.F. ROSIN SOAP. COPPER		O% O% O% O%
60 61 62 63	BULK	NUKNOWN	UNDEPHATER BOTTOM FLATS H.P. WASH 1.5 YER PRIMER; BITUMENOUS COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: A.F., ROSTH SOAP, COPPER	RS ON 1.5 MILS *CORROSION: 4.0 MILS *COATING FAILURE: 4.0 MILS GENERAL APPEARANCE: 1.5 MILS *FOULING TYPE FUULING:	OX OX EXCELI

) AREA: UNDERWATER BOTTOM FLATS

Y:		RWATER WOTTOM							
10	TYPE OF SHIP	TRADE ROUTE	AREA/SYSTEM UNDERWATER BOTTUM FLATS	SUPFACE PREPARATION	SYSTEM AGE	FILM THICK.	SHIP PERFOR	MANCE Ation	
12	i	UNKNOWN	UNDERWATER BOTTOM FLATS	H.P. WASH	1 YRS		16		
13 14 15 16 17	· · · · · · · · · · · · · · · · · · ·		PRIMER: BITUMENOUS COATS: A.F., ROSIN SOAP	, COPPER	,	4.0 MILS 4.0 MILS 2.0 MILS	%CORROSION: %COATING FA GENERAL APP %FOULING TYPE FOULING	ILURE: EARANCE; G:	OX OX EXCEI OX
19 20	DRY CARGO		. UNDERWATER BOTTOM FLATS						
21 22 23 24 25 26	1	ENG. CHANNEL	PRIMER: CHLORINATED RUBB COATZ: CHLURINATED RUBB COATZ: CHLORINATED RUBB COATZ: ANTIFOULING, COPP	ER ER ER/ORGANOMETAI	ric	2.0 MILS 2.0 MILS 3.0 MILS	CORROSION: CORTING FA GENERAL APP FOULING TYPE FOULING	ILURE: EARANCE: G:	OZ OZ EXCEI OZ
21	TANKER	UNKNOWN	UNDERWATER BUTTOM FLATS	H.P. MASH	1.5 YRS			, Karanan arasa	na väri
79 30 31 + 32 34			PRIMER: BITUMENUUS CDAT2: A.F., ROSIN SOAP	• COPPER		1.5 MILS 2.0 MILS	CORROSION: COATING FA GENERAL APPL FOULING TYPE FOULING	Ilure; Earance; G:	0% 0% 0% 0%
36 37 38 39 40	idry Cargo.	WORLD WIDE'	UNDERWATER BOTTOM FLATS . PRIMER: BITUMENUUS COATZ: A.F., ROSIN SOAP	.H.P. WASH	1 YRS	3.0 MILS	CORROSION: COATING FA GENERAL APPI FOULING	ILURE: EARANCE:	O% O% EXCEL
44 45 46 47 48 49	ISMALL. CRAFT	NORTH SEA	UNDERWATER BUTTOM FLATS PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: A.C., ROSIN SCAP	SSBC#SP#10 .	1 YRS	1.5 MILS 3.5 MILS 3.5 MILS 2.0 MILS	CORROSION: COATING FA GENERAL APPI FOULING TYPE FOULING	ILURE: EARANCE; G:	OZ OZ EXCEL
52 53 54 55 56 57 58	BULK	UNKNOWN	UNDERWATER BOTTOM FLATS PRIMER: GITUMENOUS COATE: A.F., ROSIN SOAP	COPPER		3.0 MILS 2.0 MILS	LG CORPOSION: COATING FA GENERAL APPI FOULING TYPE FOULING	ILURE: EARANCE; G:	OX OX EXCEI OX
60 61 62 63 64 65 66 67	,	NKNOMN	PRIMER; BITUMENOUS COATS: A,F, RPSIN SCAP		•	3.0 MILS	%CORROSION: %COATING FA GENERAL APP %FOULING TYPE FOULING	ILURF: EARANCE:.	OZ EXCEI OZ

SHIPS PAINTS/CHATINGS PERFURMANCE SUMMARY

AREA: UND	ERWATER BOTTOM	· · · · · · · · · · · · · · · · · · ·			
TYPE DF \$HIP	TRÀDE RUUTE	AR FA/SYS TEM	SURFACE SYSTEM PREPARATION AGE	FILM" THICK.	SITP PERFORMANCE AGE EVALUATION
		UNDERWATER BOITOM FLATS			Company of the Company of the Company
•		•			S #CORROSION: 1# S #COATING FAILURE: 1# G GENERAL APPEARANCE: GOOD #FOULING:
TANKER	WORLD WIDE	.UNDERWATER BOTTOM . FLATS	SAND SWEEP	* g	Land or the same and the same and the same and
1	IPISH SEA	PRIMER; CHLORINATED RUBB CCAT2; CHLORINATED RUBB COAT3; ANTIFOULING, CHLO	ER FR BIN. RUBBEB.COPPER	3.0 MILS 3.0 MILS 2.0 MILS	TYPE FOUL ING:
SMALL CRAF	T NORTH.SEA	UNDERWATER BOTTOM FLATS	H.R. WASH	· , , , , , , , , , , , , , , , , , , ,	. 07 242
January American Constant		PRIMER: BITUMENOUS COA12: BITUMENOUS COA13:A.F., ROSIN SOAR	• .COAPER	3.0 MILS 3.0 MILS	S *CORROSION: 1* S *COATING FAILURE: 1* S GENERAL APPEARANCE: EXCE *FOULING TYPE FOULING:
TANKER	WORLD WIDE	UNDERWATER BOTTOM FLATS	SSPC#SP#10 .75 VRS	** * * * * * * * *	101 101 100 100 100 100 100 100 100 100
		PRIMER: VINYL CDATZ: VINYL TAK		.6 MILS	\$ %CORROSION: 0% \$ %COATING FAILURE: 1%
	y 14 17 1	COATS: ANTIFOULTING COPP	ER/ORGANOMETALIC FR/ORGANOMETALIC	2.0 MILS	GENERAL APPEARANCE: EXCE
TANKER	"ŊŊĸĸŎĸŴ	"UNDERWATER BOTTOM FLATS"	"H.P. WASH "1,5 YRS"	. 6400 # 27# · 4 · 6 · A440	19 . Maria Maria Maria Commission Militaria Maria
t /		PRIMER: BITUMENDUS .COAT2:A.F. BOSIN .SOAR	.COPRER 1	TS WITE	CORROSION: CORROSION: CORROSION: CORROSION: CORROSION: LEGO CORROSION
LNG	"CARTBBEAN"	"UNDERWATER" BOLTOM FLATS"	TIPE WASH 1.5 YRS	e a ve plante presentant	tire 0.7 - where the second of the second se
	WEG TERPOLON	COATS: CHORINATED ROBB COATS: ANTIFOULING CHOR	ER RIN. RÜBBER (COPPER)	3.0 MIL	S ZCURRUSIUN: S ZCOATING FAILURE: 17 S GENERAL APPEARANCE: EXCE
"BUĽK	NURTH PACIFIC	UNDERWATER BOTTOM FEATS"	H.P. WASH 1 YRS		06 at an analysis of the control of
	· · · · · · · · · · · · · · · · · · ·	PRIMER: BITUMENUUS CDATZ: BITUMENUUS CDATZ: A.F., ROSIN SOAP	COPPER	5 MILS	S *CORROSION: 0% S *COATING FAILURE: 1% G GENERAL APPEARANCE: GOOD *FOULING 1% TYPE FOULING: COMB

: Ar	CENT CHIVE	KNATER BULLON		
9 ' 10 11	TYPE OF SHIP	TRADE ROUTE	APFA/SYSTEM SURFACE SYSTEM PREPARATION AGE	
12 LN	IG		UNDERWATER BOTTOM FLATS H.P. WASH 1 YRS	
14 ' 15 ' 16 ' 17 '	· · · · · ·	NORTH SEA ENG. CHANNEL	PRIMER: BITUMENOUS COATE: BITUMENOUS COATE: A.E., ROSIN SCAR, COPPER	3.0 MILS #CORROSION: 1# 3.0 MILS #COATING FAILURE: 1# .2.0 MILS GENERAL APPEARANCE: EXCEL #FOULING 1# TYPE FOULING: GRASS
19 20 CC	NTAINER	NO. ATLANTIC	UNDERWATER BOTTOM FLATS. H.B. WASH 11 YRS	5
11 12 13 1 14 15 1		NORTH SEA		1.5 MILS %CORROSION: 0% 3.0 MILS %COATING FAILURE: 1% GENERAL APPEARANCE: GOOD %FOULING 1% TYPE FOULING: SHELL
17	IALL CRAFT	NORTH SEA	UNDERWATER BOTTOM FLATS . H.P. WASH. 1 YRS	
10 11 12 13 14			PRIMER: BITUMENOUS COATE: BITUMENOUS COATE: A.F., RUSIN SDAP, COPPER	3.0 MILS *CORPOSION: 0* 3.0 MILS *COATING FAILURF: 1* 2.0 MILS GENERAL APPEARANCE: GOOD **FOULING** TYPE FOULING: SLIME
្ធ ទី Bu	ILK	NO. ATLANTIC	UNDERWATER BOTTOM FLATS. H.P. WASH 1 YRS	
8 5 6 1	· · · · · · · · · · · · · · · · · · ·	SO. ATLANTIC	PRIMER: BITUMENOUS COATZ: BITUMENOUS COATZ: A.F., ROSIN SOAP, CORPER	4.0 MILS #CORROSION: 5# 4.0 MILS #COATING FAILURE: 5# 2.0 MILS GENERAL APPEARANCE: EXCEL #FOULING TYPE FOULING:
ia DB	Y CARGO	NO. ATLANTIC	UNDERWATER BOTTOM FLATS : H.P. WASH 1.5 YBS	14 .,
5 6 7 8 9		FAR EAST	PRIMER: BITUMENOUS CDAT2: BITUMENOUS CDAT3: A.F., ROSIN SOAR, COPPER.	1.5 MILS %CORROSION: 0% 2.0 MILS %COATING FAILURE: 5% 2.0 MILS GENERAL APPEARANCE: GOOD %FOULING 5% TYPE FOULING: SHELL
i ≩∃DR	Y.CARGO	WEST INDIES	UNDERWATER BUTTOM FLATS . H.P. WASH 1.5 YRS	06
3 . 5 . 7		CARIBBEAN	PRIMER: BITUMENOUS COATZ: A.F., POSIN SDAP, COPPER	3.0 MILS *CORROSION: 0* 2.0 MILS *COATING FAILURE: 5* GENERAL APPEARANCE: GOOD FOULING 1* TYPE FOULING: SHELL
DR	Y CARGO		UNDERWATER BOTTOM FLATS H.P. WASH 2.0 YRS	18
2 3 4 5		. 1	PRIMER: dilumendus COATZ: BITUMENDUS COATZ: A.F., RUSIN SCAP, CORPER	3.0 MILS #CORROSIUN: 0# 3.0 MILS #COATING FAILURE: 5# 3.0 MILS GENERAL APPEARANCE: GOOD #FOULING 0# TYPE FUULING:

TYPE OF SHIP TRADE ROUTE 12 BULK SO. CHINA SEA UNDERWATER BOTTOM FLATS SAND SWEEP 14 15 18 27 23 26 24 DRY CARGO FAR EAST. 30

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+ 32

AREA/SYSTEM

SUFFACE SYSTEM PREPARATION AGE 1 YRS

FILM SHIP PERFORMANCE AGE THICK. **EVALUATION**

10

PRIMER: BITUMENOUS
COAT2: BITUMENOUS
COAT3: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER
COAT4: A.F., ROSIN SOAP, COPPER

20 DRY CARGO MEDITERRANEAN UNDERWATER BOTTOM FLATS H.R. WASH 2 YRS

PRIMER: CHLORINATED RUBBER COATS: ANTIFOULING, CUPPER/ORGANOMETALIC ESK PONDOM EST STA

3.0 MILS *CORROSION: 3,0 MILS &COATING FAILURE: 10%
GENERAL APPEARANCE: GOOD.
FOULING TYPE FOULING:

PRIMER: VINYL TAR
COAT2: VINYL TAR
COAT3: VINYL TAR
COAT4: ANTIFOULING, COPPER/ORGANOMETALIC

3.0 MILS %CORROSION:
3.0 MILS %CORROSION:
3.0 MILS %CORROSION:
3.0 MILS %CORROSION:
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CARIBBEAN

. COAT2;

PRIMER: BITUMENOUS
COATS: BITUMENOUS
COATS: A.F., ROSIN SGAR, COPPER
2.0 MILS *CURRUSIUM.
1.5 MILS *COATING FAILURE: 10%
COATS: A.F., ROSIN SGAR, COPPER
2.0 MILS *CURRUSIUM.
1.5 MILS *CURRUSIUM.
1.5 MILS *CURRUSIUM.
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1.7 MILS *COATING FAILURE:

44 DRY CARGO NO. ATLANTIC UNDERWATER BOTTOM FLATS, H.B. WASH, 1.5 YRS

PRIMER: BITUMENOUS
COATS: BITUMENOUS
COATS: A.F., ROSIN SOAP, CORRER

1.5 MILS *CORROSION:
2.0 MILS *COATING FAILURE: 10*
2.0 MILS GENERAL APPEARANCE: FAIR
2.0 MILS GENERAL APPEARANCE: FAIR
2.0 MILS GENERAL APPEARANCE: FAIR
2.0 MILS GENERAL APPEARANCE: FAIR
2.0 MILS GENERAL APPEARANCE: FAIR

TYPE FOULING:

COMB.

SO. ATLANTIC PRIMER: BITUMENOUS MEDITERRAMEAN COATS: A.F., ROSIN SPAP, COPPER

1.2 MILS #CORROSIUN: 3.0 MILS &COATING FAILURE: 1CK
GENERAL APPEARANCE: FAIR
&FOULING 108 TYPE FOULING:

ČÓMB.

60 DRY CARGO

> PERSIAN GULF PRIMER: ANTIFOULING, CHLORIN, RUBBER, COPPER INDIAN OCEAN COATS;

2.2 MILS *CORROSION: MILS SCOATING FAILURE: 10%
GENERAL APPEARANCE: GOOD
BEOULING REDULING TYPE FOULING;

COMB.

AREA: UNDERWATER DOTTOM FLATS

		RWATER DOLLOW					
10	TYPE OF SHIP	TRADE ROUTE	AR EA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	,
12	TANKER	WORLD WIDE	UNDERWATER BOITOM FLATS	H.P. WASH 1 YRS	•	.07.	•
13 14 15 16 17	•••		PRIMER: VINYL TAR COATE: VINYL TAR COATE: VINYL TAR COATE: A.F., KOSIN SOAP	COPPER	2.2 MILS 2.2 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE; #FOULING TYPE FOULING:	5% 10% FAIR 10% SHELI
20 ,			UNDERWATER BOTTOM FLATS				
21 22 23 24 :: 25	•	CARIBBEAN NURTH SEA	PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: A.F., ROSIN SOAR	CORPER	3.0 MILS 3.0 MILS 2.0 MILS	%CORROSION; %COATING FAILURE; "GENERAL ARPEARANCE; %FOULING	10% 15% FAIR. 15%
26 27		MODELL DACTERS	THOSOHATED HOTTOM SLATS	U D UACH 1 VDC		31	
29 ! 30	URY GARGO .	HURTH BAGIFTG	PRIMER: BITUMENOUS CHATZ: A.F., RUSIN SHAP	DAGA MAZILIZ I. ILINGI.	1.2 MILS	*CORROSION:	5%
31 31			CHATE: A.F., RUSTN SHAP	CUPPER	2,0 MILS	#COATING FAILURE:	រ៉ុំទី៥ GOOD
33 34	A					*FUULING TYPE FOULING:	TS%
3,	551 641.65	21 A 41 T D IN C A 41	SINDED ARED DOTTON CLASE	II D MACH I E VOC	. •	29	
37 38		,	PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: ANTIFOULING, CHLO		1.2 MILS	*CORROSION:	103
39 10 ,			COATS: ANTIFOULTRG. CHLO	RIN RUBBER . CORRER	216 Mits	. GENERAL APPEARANCEL	(ខុំខ្ពុំភ្លុំព 🗀
41 42 43						TYPE FOULING:	SLÎME
46 47 '	•	MEDITERRANEAN PLESIAN GULF	UNDERWATER BOTTOM ELATS . PRIMER: CHLORINATED RUBB COATZ: CHLORINATED BUBB . COATZ: ANTIFOULING, CHLOR	ER ER	3.0 MILS 3.0 MILS	*CORROSION: *COATING FAILURE:	5% 15%
(8 ; 19		ENG. CHANNEL .	, ČÖÄTŠI., ÄNTIFÖULING, CHLD	RIN. BUBBER. COPPER	210. MILS	GENERAL APPEARANCE :	. GOOD
50 51		1.0 AF4 ANT 1.0	UNDERWATER BOITOM FLATS	N. D. HACH NOC.		TYPE FOULING:	COMB.
53		NUA ALLANIKE	NUMBERALER BUILDING FEATS	Tel. MASH TELLER		PODUDO ICAI	(Sa.)
54 55 50		NORTH SEA	PRIMER: BITUMENOUS COATZ: BITUMENOUS COATZ: A.F.: ROSIN SOAP	CODDED	3.0 MILS	CONTROL ADDEAUANCE.	15%
57 58		•	CUA(54 M4F#; NUSTN SWAF	* WOLLEY	CAM LIST OF	TYPE FOR ING:	SHELL
59	DRY CARGU	PERSIAN GUI F	UNDERHATER BUTTOM FLAIS	H.P. WASH 1 YRS		19	
6 1 62	nr 1 + p	GULF OF MEX.	PRIMER: BITUMENOUS		3.0 MILS	*CORROSIUN:	 25%
63 : 64 :			PRIMER: BITUMENUUS COATZ: BITUMENUUS COATZ: A.F. ROSIN SGAP	. COPPER	3.0 MILS	COATING FAILURE: GENERAL APPEARANCE;	25% FA IR.
^5 66			•			TYPE FOULING:	10岁 SHELL

AREA: UNDERWATER BOTTOM FLATS

•	KWATER BUTTOM (CIAN CUID DEDECONANCE
TYPE OF SHIP	TRADE ROUTE	APFA/SYSTEM SUFFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
	WORLD WIDE	UNDERWATER BOTTOM FLATS SSPC-SP-10 1 YRS	01 .
i ;		PRIMER: CHLORINATED RUBBER COAT2: CHLORINATED RUBBER COAT3: ANTIFOULING.CHLORIN. RUBBER.COPPER	3.0 MILS %CORROSION: 0% 3.0 MILS %COATING FAILURE: 25% 2.0 MILS GENERAL APPEARANCE: GOO %FOULING 1% TYPE FOULING: SHE
DRY CARGO	NO. ATLANTIC	UNDERWATER BOTTOM FLATS . H.P. WASH 1 YRS.	15
2		PRIMER: BIJUMENUUS CDATZ: A.F., ROSIN SHAP, CUPPER	3.0 MILS %CORROSION: 1% 2.0 MILS %COATING FAILURE: 25% GENERAL APPEARANCE: FAI %FOULING 25% TYPE FOULING: SHE
BULK	WORLD WIDE	UNDERWATER BOTTOM FLATS H.P. WASH 2 YRS	12 M. M. M. H. H. H. H. H. H. H. H. H. H. H. H. H.
, 1 2 ; 3 ,		PRIMER; VINYL TAR COAT2; VINYL TAR COAT3; ANTIFOULING, CHLORIN. RUB. ORGANOMET.	3.5 MILS %CORROSION: 0% 3.5 MILS %COATING FAILURE: 50% 2.0 MILS GENERAL APPEARANCE: FAI %FOULING 1% TYPE FOULING: SHE
BULK.	INDIAN OCEAN	UNDERWATER BOTTOM FLATS . H.P. WASH . 1.5 YRS	
, . , . , , , , , , , , , , , ,	PERSIAN GULF	PRIMER: BITUMENOUS COATZ: ANTIFOULING, CHLOKIN, RUBBER, COPPER	1.5 MILS %CORRUSION: 50% 2.0 MILS %COATING FAILURE: 50% GENERAL APPEARANCE: 25%
2 3 4.TANKER .	NO. ATLANTIC	UNDERWATER BOTTOM FLAIS 'H.P. WASH UK YRS	IALE LOOFING: 2FT
5 ; ; 1 ; 1	PERSIAN GULF	PRIMER: EPOXY.COAL TAR COATE: FPOXY.COAL TAR	5.0 MILS %CORROSION: 5% 5.0 MILS %COATING FAILURE: 75% GENERAL APPEARANCE: FAI #FOULING 75% TYPE FOULING: SHE
DRY CARGU	MEDITERRANEAN	UNDERWATER BOTTOM FLATS . H.P. WASH 1.5 YRS	24
		PRIMER: BITUMENUUS CDATZ: A.F., RUSIN SUAP, COPPER	1.7 MILS #CORROSION: 10% 2.0 MILS #COATING FAILURE: 75% GENERAL APPEARANCE: FAI #FOULING 75% TYPE FOULING: COM
LURY CARGU		UNDERWATER BUTTOM FLATS H.P., WASH 1.5 YRS	10
	MEDITERRANEAN	PRIMER: BITUMEHOUS CCAT2: BITUMEHOUS COAT3: A.F., BUSIN SOAD, CORPER	1.7 MILS *CORROSION: 75% 3.0 MILS *COATING FAILURE: 75% 2.0 MILS GENERAL APPEARANCE: FAI *FOULING TYPE FOULING:

Y	I'AREA; UNDF	RWATER BOTTOM	FLATS				
•	TYPE OF SHIP	TRADE ROUTE	AR FA/SYS [FM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
į	DRY CARGO	UNKNOWN	UNDERWATER BOITOM FLATS	H.P. WASH 1.5 YRS	•	24	
1	3 4 5 6 : 7		PRIMER: BITUMENDUS COATS: BITUMENDUS COATS: A.F., ROSIN SOAP	• COPPER .	1.2 MILS 3.0 MILS 2.0 MILS	"CORROSION: "COATING FAILURE: GENERAL APPEARANCE: "FOULING TYPE FOULING:	129
1 2	: ○{DRY CARGO	FAR EAST	UNDERWATER BOTTOM FLATS	H.R. WASH 1 YRS		.23	
2 2 2 2	1 2 3 4, i 5	•	PRIMER; BITUMENDUS CDATZ: BITUMENDUS COATZ: A.F., RUSIN SOAP	• COPPER .	3.0 MILS 1.7 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	0% 75% 6000 75% SLIM
2	DRY CARGO	NU. ATLANTIC	UNDERWATER BUTTOM FLATS	H.P. WASH 1. YRS	· · · · · · · · · · · · · · · · · · ·	. 17	, ,, ,,
+ 31 + 31	1 2.J., ., ., ., 1 ;	SO. ATLANTIC	PRIMER: HITUMENOUS CDATE: A.F., ROSIN SHAP	COPPER	1.5 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	0% 75% FAIR 75% SHELI
31	DRY CARGO	MEDITERRANEAN	UNDERWATER BOTTOM FLATS	H.P. WASH I YRS		25	En increa
3: 4: 4: 4:	7 9 9 0 1 2 3		PRIMER: A.F., ROSIN SUAP COATZ:				<u> </u>
4:	I "FERRY.		UNDERWATER BOTTOM FLATS			. 15	
41 41 41 51 5	6 7 8 :		PRIMER: LHLCRINATED RUBB COAT2: CHLOKINATED RUBB COAT3: ANTIFOULING, CHLO	ER ER KIN. RUBBER, COPPER	3.0 MILS 3.0 MILS 2.0 MILS	#CORROSION: #CORRO	156
5 5	CRY CARGO	INDIAN DCEAN	UNDERWATER BOTTOM FLATS			40 4 4 14 5	
. 51 . 5	· 5 · 7 ·	PERSIAN GULF SU. CHINA SEA	PRIMER: BITUMENOUS COATE: BITUMENOUS COATE: BITUMENOUS COATE: A.F., ROSIN SOAP	, CÔPPER	3.0 MILS 3.0 MILS 1.5 MILS	#CORROSIUN: #COATING FAILURE: GENERAL APPEARANCE: #FOULING: TYPE FOULING:	1% 75% FAIR 75% SHELL
61 6	SMALL CRAET	NO. ATLANTIC	UNDERWATER BOTTOM FLATS	SSECHSETIO .2.0 YRS		NE and a x	
6: 6:	7 ' 3 4 ;		PRIMER: EPLXY, PGLYAMIDE CUATE: ANTIEDUL [NG, CCPP	EP/ORGANOMETALIC	8.0 HILS	%CORROSION: %COATING FAILURF: .GENERAL APPEARANCE:	100% 100% POOR
6: 6: 6:	1					GENERAL APPEARANCE: REDULING TYPE FOULING:	GRASS

'AREA: UNDERWATER BOTTOM FLAIS

TRADE ROUTE	AREA/SYSTEM	SUPFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	. 244
MEDITERPANEAN	UNDERWATER BUTTOM FLATS	SSPC-SP-10 1 YRS	1 10 h M 4	01	
TRISH SEA	PRIMER; CHLORINATED RUBBE COAT2: CHLORINATED RUBBE COAT3: CHLORINATED RUBBE COAT4: ANTIFOULING, CHLOR	R R R TN. RUBBER, COPPER	3.0 MILS 3.0 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING	0% 100% 26000 100%
PERSIAN GOLF	COATS: BITUMENOUS .COATS: A.F. ROSIN SOAP.	CORPER	4.0 MILS	*COATING FAILURE: "GENERAL APPEARANCE". FOULING TYPE FOULING:	KOÖİ ROOL ROOL BMQ O
		SANO SWEER I 1.5 YRSI	e describeración de la contractica del la contractica de la contractica del la contractica de la contractica de la contractica del la contractica de la contractica de la contractica del la contractica del la contractica del la contractica del la contractica del la contractica del la contractica del la contractica del la contractica del la contractica del la contractica	and the second s	ر رودونونونونونونونونونونونونونونونونونونو
CARTBBEAN GULF QF MEX.	PRIMER; VINYL TAR CHATZ; VINYL TAR COATS; A.E., ROSIN.SUAR.	COPPER	1.5 MILS 1.5 MILS 2.0 MILS	#CORRUSION: #COATING FAILURE: GENERAL APPEARANCES: #FOULING	15% 100% 6000 100%
	· · · · · · · · · · · · · · · · · · ·	•		TYPE PUOLING:	2F1
GULF OF MEX.	PRIMER: CHLORINATED RUBBE COATS: ANTIFOULING; CHLOR	name, waan madaa a. Iba R IN: FUBBER:GOPPER	2.5 MILS 2.0 MILS	*CORROSION: *COATING FAILURE:	50% 100%
v	the state of the s	maker i de fat de destidouréeautés la baseir en été en des ains d	e / withher the manifest	GENERAL BEREAKANDEL. ************************************	TAIL 100% SHEL
SOUTH PACIFIC	UNDERWATER BOTTOM FLATS	H.P. WASH 1.5 YRS		04	31166
s the said and a			MILO	*FOULING TYPE FOULING:	1009 COME
WORLD WIDE	UNDERHATER BOTTOM FLATS	H.P. WASH 1 YRS	ration of sections of	.02	
	PRIMER: CHLORINATED RUBBE CUATZ: CHLORINATED RUBBE CUATZ: ANTIFOULING, CHLOR				
	MEDITERRANEAN IRISH SEA MEDITERRANEAN IRISH SEA NO. ATLANTIC PERSIAN GULF OULF UF MEX. CARIBBEAN GULF UF MEX. SOUTH PACIFIC NO. ATLANTIC CARIBBEAN CULF UF MEX.	MEDITERRANEAN UNDERWATER BUTTOM FLAIS IRISH SEA PRIMER; CHLURINATED KUBBE COAT2; CHLORINATED RUBBE COAT4; ANTITOULING, COPPE MEDITERRANEAN UNDERWATER BOTTOM FLATS. IRISH SEA PRIMER; CHLORINATED RUBBE COAT2; CHLORINATED RUBBE COAT3; CHLORINATED RUBBE COAT3; CHLORINATED RUBBE COAT4; ANTITOULING, CUPPE NO. ATLANTIC UNDERWATER BOTTOM FLATS. PERSIAN GULF PRIMER; BITUMENOUS COAT3; A.F., ROSIN SOAP, NO. ATLANTIC UNDERWATER BOTTOM FLATS. COAT3; A.F., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.E., ROSIN SOAP, COAT3; A.F., ROSIN SOAP, COAT3; A.F., ROSIN SOAP,	MEDITEPRANEAN UNDERWATER BUTTOM FLATS SSPC-SP-10 1 YRS IRISH SEA PRIMER: CHLUKINATED KUBBER COAT2: CHLOKINATED RUBBER COAT3: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER COAT4: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER COAT3: CHLORINATED RUBBER COAT4: COAT5: CHLORINATED RUBBER COAT4: ANTIFOULING, COPPER/ORGANOMETALIC ND. ATLANTIC UNDERWATER BOTTOM FLATS H.P. WASH 1. YRS PERSIAN GULF PRIMER: BILUMENOUS CUAT2: RILUMENOUS CUAT2: RILUMENOUS CUAT3: A.F. ROSIN SOAP. CORPER NO. ATLANTIC UNDERWATER BOTTOM FLATS SAND SWEEP: 1.5 YRS CARTBBEAN PRIMER: VINYL TAR GULF UF MEX. COAT3: A.F. ROSIN SOAP. CORPER CARTBBEAN UNDERWATER BOTTOM FLATS H.P. WASH 1.5 YRS GULF OF MEX. PRIMER: CHLORINATED RUBBER COAT2: ANTIFOULING, CHLORIN, FUBBER, COPPER SOUTH PACIFIC UNDERWATER BOTTOM FLATS H.P. WASH 1.5 YRS COAT2: ANTIFOULING, CHLORIN, FUBBER, COPPER SOUTH PACIFIC UNDERWATER BOTTOM FLATS H.P. WASH 1.5 YRS COAT2: ANTIFOULING, CHLORIN, FUBBER, COPPER SOUTH PACIFIC UNDERWATER BOTTOM FLATS H.P. WASH 1.5 YRS COAT2: ANTIFOULING, CHLORIN, FUBBER, COPPER SOUTH PACIFIC UNDERWATER BOTTOM FLATS H.P. WASH 1.5 YRS COAT2: ANTIFOULING, CHLORIN, FUBBER, COPPER SOUTH PACIFIC UNDERWATER BOTTOM FLATS H.P. WASH 1.5 YRS COAT2: ANTIFOULING, CHLORINATED RUBBER COAT2: AN	MEDITERPANEAN UNDERWATER BUTTOM FLAIS SSPC-SP-10 1 YRS IRISH SEA PRIMER: CHLUKINATED KUBBER 3.0 MILS COAT3: CHLORINATED RUBBER 3.0 MILS COAT4: ANTIFOULING, COPPER/ORGANOMETALIC 3.0 MILS COAT4: ANTIFOULING, COPPER/ORGANOMETALIC 3.0 MILS MEDITERRANEAN UNDERWATER BUTTOM FLATS SSPC-SP-13 1 YRS IRISH SEA PRIMER; CHLORINATED RUBBER 3.0 MILS COAT3: CHLORINATED RUBBER 3.0 MILS COAT4: ANTIFOULING, CHLORINATED RUBBER 3.0 MILS COAT5: CHLORINATED RUBBER 3.0 MILS COAT5: ANTIFOULING, CHLORINATE RUBBER 3.0 MILS COAT5: ANTIFOULING, CHLORINATE RUBBER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORINATE RUBBER 3.0 MILS COAT5: ANTIFOULING, CUPPER/ORGANOMETALIC 3.0 MILS COAT5: ANTIFOULING, CHLORINA COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORINA COPPER 3.0 MILS COAT5: ALS. RUSIN SUAP, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORINA COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORINA, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORIN, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORING, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORING, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORING, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORING, RUBBER, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORING, COPPER 3.0 MILS COAT5: ANTIFOULING, CHLORING, COPPER 3.0 MILS COAT5: ANTIFOULING, COPPER 3.0 MILS COAT5: ANTIFOULING, COPPER 3.0 MILS COAT5: ANTIFOULING, COPPER 3.0 MILS COAT5: ANTIFOULING, COPPER 3.0 MILS COAT5: ANTIFOULING, COPPER 3.	PRIMER; CHLURINATED RUBBER COATS: CHLORINATED RUBBER COATS: CHLORINATED RUBBER COAT4: ANTIFOULING, COPPER/ORGANOMETALIC 3.0 MILS **CORROSIUN: 3.0 MILS **CORTING FAILURE: 3.0 MILS

) !	AREA: UNDE	RWATER BOLLOM		TINGS PERFORMANCE SUM	MARY	• • • • • • • • • • • • • • • • • • • •	10/14/
11	TYPE OF SHIP	FRADE RUUTE	AREA/5YSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFURMANCE AGE EVALUATION	,
	DRY CARGO	WORLD WIDE	UNDERWATER BOTTOM FLATS	11.8. WASH 1.5 YRS		05	
15 16 16	1		PRIMER: BITUMENOUS COATZ: HITUMENOUS COATZ: A.F., ROSIN SOAR	COPPER	1.2 MILS 1.2 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: # FOULING TYPE FOULING:	0% 100% 6000 100% SLIME
20	CORY CARGO	NU. ATLANTIC	UNDERWATER BOTTOM FLASS	H.P. WASH 1.5 YRS.		03	•
2: 2: 2: 2: 2:		SO. ATLANTIC	PRIMER: BITUMENDUS CDAT2: BITUMENDUS CDAT3: BITUMENDUS CDAT4: A.F., ROSIN SCAP,	COPPER	3.0 MILS 3.0 MILS 2.0 MILS 2.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	1% 100% 6000 100% COMB.
	SMALL CRAFT		UNDERWATER BOTTOM FLATS	SAND SWEEP. 2 YRS		09 ,	
30 31 32 33 36		SO. ATLANTIC	PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: BITUMENOUS COATS: A.F., ROSIN SUAP,	COPPER	1.2 MILS 1.2 MILS 1.2 MILS 3.0 MILS	CORROSION; COATING FAILURE; GENERAL APPEARANCE; FOULING TYPE FOULING;	25% 100% 100% 100% SLIME
35	BULK	WORLD WIDE.	UNDER MATER BUILDM FLAIS.	HAPA WASH LAS YKS		The second of th	
31 31 32 40 41 43			PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT4: BITUMENOUS COAT4: A.F., ROSIN SDAP,	COPPER	1.2 MILS 1.2 MILS 1.2 MILS 2.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	10% 100% GUOD 100% 2001
44	DRY CARGO.	SOUTH PACIFIC				en en	
46 47 40 49 50	i i		PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: A.F., ROSIN SOAR,	COPPER	1.2 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: COULING: TYPE FOULING:	0% 100% 6000 100% SLIME
52 53	DRY CARGO	UNKNOWN	UNDERWATER BOTTOM FLATS	H.P. WASH 1.5 YRS		24	•
54 55 56 57			PRIMER: BITUMENUUS COATS: BITUMENOUS COATS: A.F., KUSIN SUAP,	. COPPER	1,2 MILS 3,0 MILS 210 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	0% 100% FAIR 100% SHELL
59 60 61	DRY CARGO	WORLD WIDE	UNDERWATER BOTTOM FLATS			16	
62 63 64 65			PRIMER: ANTIFUULING, CHLOR COAT2;	RIN. RUBBER, COPPER	2.0 MILS	#CORROSIUN: #COATING FAILURF: GENERAL APPEARANCE: #FOULING TYPE FOULING:	0 % 100 % GUOD 100 % SLIME
67					•		

AREA: UNDE	RWATER BOTTOM	SHIPS PAINTS/COA	ŤĬŇĠS [™] PĒŔFOŘM	ANCE SUM	1ARY		' 18/14/
TYPF OF SHIP	TRADI. ROUTE	ARTA/SYSTEM	SURFACL PREPARATION	SYSTEM AGE	THICK.	SHIP PERFURMANCE AGE EVALUATION	
DRY CARGO	NO. ATLANTIC	UNDERWATER BOTTOM SIDES	H.P. WASH	1 YRS		10	
	PERSIAN GULF	PRIMER: DITUMENOUS COAT2: BITUMENOUS COAT3: A.F., ROSIN SOAR	, COPPER		4.0 MILS 4.0 MILS 1.5 MILS	CORROSION: COATING FAILURE; GENERAL APPEARANCE FOULING TYPE FOULING:	0% 0% 1. EXGEL 0%
BULK .	AGIW GLADW.	UNDERWATER BUTTOM SIDES	H.P. WASH	2 YRS .	, her 31 s	. Q5 '	
	·	PRIMER: BITUMENDUS COAT2: BITUMENDUS COAT3: BITUMENDUS COAT4: ANTIFOULING, CHLO COAT5: ANTIFOULING, CHLO	RIN, RUBBER, C RIN. RUBBER, C	OPPER OPPER	3.0 MILS 3.0 MILS 2.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE FOULING TYPE FOULING:	0 T 0 T 0 T
DRY CARGO	UNKNOWN .						
 		PRIMER: BITUMENOUS CHATZ; HITUMENOUS CHATZ: A.F., ROSIN SOAR	, COPPER	,	4.0 MILS 1.5 MILS 2.0 MILS	*CORROSION: *COATING FAILURE: .GENERAL APPEARANCE *FOULING TYPE FOULING:	SEXCEL OX
TANKER		UNDERWATER BOTTOM SIDES.					e telas es a
		COAT4: VINYL TAR COAT5: ANTIFOULING, COPP COAT4: ANTIFOULING, CCPP	ER/ORGANDMETA ER/ORGANDMETA	L IC	3.0 MILS 3.0 MILS 2.0 MILS	CORPUSION: COATING FAILURE: GENERAL APPEARANCE FOULING TYPE FOULING:	S EXCEL OX OX
BULK	NUKNOMŲ	UNDERWATER BUTTUM SIDES	II.P. WASH	1,5 YRS "	0.0	08	* * * * * * * *
						CORROSION: COATING FAILURE: GENERAL APPEARANCE FOULING TYPE FOULING:	OX OX EXCEL
BULK	UNKHUMH	UNDERNATER BUTTOM SIDES	H.P. WASH	1.5 YRS	c · · · · · · · · · · · · · · · · · · ·	08	eth some of
:		PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: A.F., ROSIN SOAP	• CUPPER		1.5 MILS 4.0 MILS 4.0 MILS 1.5 MILS	#COPROSION: #COATING FAILURE: GENERAL APPEARANCE #FOULING TYPE FOULING;	OX OX OX OX
;	UNKNOWN	UNDERWATER BUTTOM SIDES'	H.P. WASH	1.5 YRS		16	, d
1		PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: A.F., KOSIN SOAP		/ •1 · • • · ·	4.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE #FOULING	の場 の業 ・FXCEL の場

SHIPS PAIRTS/COATINGS PERFURMANCE SUMMARY

AREA: UNDERWATER BOTTOM SIDES

1	AREA; UNDE	FRWATER BOTTOM	SIDES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		10/14
10	TYPE OF SHIP	TRADE ROUTE	AKFA/SYSTEM	SURFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFURMANCE AGE EVALUATION	
12		NURTH SEA		H.P. WASH 1.5 YRS	,	1.3	
14 15 16, 17		ENG. CHANNEL	PRIMER: CHLORINATED KUBI CUATZ: CHLORINATED RUBI COAT3: CHLORINATED RUBI COAT4: ANTIFOULING, COPE	BER BER BER ER/ORGANOMETÄLIC	2.0 MIL: 2.0 MIL: 3.0 MIL:	S **CORROSION: S **COATING FAILURE: S GENERAL APPEARANCE: S **FOULING*	0% 0% 6% 0%
20				'			
21 22 23 24 25	y 444 . 42 / 4 / 7 / 7 / 7 / 7 / 7 / 7 / 7 / 7 / 7	Source Company	UNDERWATER BOTTUM SIDES PRIMER: BITUMENDUS CHATZ: A.F., RUSIN SUAF	COPPER	3.0 MILS	#CORROSION: #COATING FAILURE: #GENERAL APPEARANCE:	0% 0% EXCE
26 27						TYPE FOULING:	OX
? 8 _	DRY CARGO	-	UNDERWATER BOITOM SIDES.			grand and the second se	e e esa necadorei
10 11 12 13	e Kumas se graeren e e		PRIMER: BITUMENOUS COAI2: ANTIFOULING: COPP COAI3: ANTIFOULING: CHLC	ERZORGANOMETALIC BRIN. RUBBER, COPPER	3.0 MILS 3.0 MILS 1.5 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING	™EXCEI OX OX
15	TANKED	MONTO LINE	HMOCOMATED CATEDA CADEC	CAND CHIEF A M NO.	•• •	THE PUBLING.	
1	CHINER S	IRISH SEA	PRIMER: CHLORINATED RUBB	ER	3.0 MILS		02
0 1 2 3			PRIMER: CHLORINATED RUBB COAT2: CHLORINATED RUBB COAT3: ANTIFOULING, CHLO				ទីភ្លួលឯ.
4 ; 5	SMALL CRAFT	NORTH SEA	UNDERWATER BOTTOM SIDES.	H.R. WASH	er On the Section of	A	44 4 4
6 :			PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: A.F., KCSIN SCAR		3.0 MILS	*CORROSION:	12
• •	> 	4 Sec. 1 de	CDAT3: A.F., KOSIN SOAR	COPPER	2.0 MILS	GENERAL APREARANGE	ÉXCEL
† `	TANKER	I CIVIK IVII I WINI	TIMED FOR THE CONTRACTOR				
3 4 5 :			PRIMER: BITHMENDUS	CONSTRUCTION CARRESTIA	1.5 MILS	*** *** *** **** **** ****************	19
; ; ;	• •		CHAIZE AFF, KUSIN SHAP	, GOPPEP	2.0 MILS	*COATING FAILURF: GENERAL APPEARANCE:	i ĝ ann
8			PRIMER: BITUMENDUS CHATZ: A.F., KOSIN SPAP		•	TYPE FOULING:	0%"
		CARIBBEAN	UNDERWATER BUITUM SIDES.	H.B. WASH 2.0 YRS		0.7	
} :		MEDITERRANFAN	PRIMER: CHLOPINATED RUBB COATE: CHLOPINATED RUBB COATE: ANTIFOULING.CORP	ER ER	3.0 MILS	CORROSION:	13
5		•	CUAT3: ANTIFOULING CORP	ER / UR GANDME TALIC	ājo Mils	GENERAL APPEARANCE: "FOULING TYPE FOULING:	EXCEL

) į	AREA: UNDER	CHATER BOTTOM :					•
10	TYPE OF SHIP		ARFA/SYSTEM		FILM STHICK.	SHIP PERFURMANCE AGE EVALUATION	
			UNDERWATER BOTTOM SIDES			06	
13 14 15 16 17 18	!		PRIMER: BITUMENOUS COATZ: BITUMENOUS COATZ: A.F., RUSIN SCAR	· COPPER	1.5 MILS 1.5 MILS 2.0 MILS	*CORROSIUN: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	1% 6000. 1% COMB.
	TANKER .	UNKNOWN .	UNDERWATER BOTTOM SIDES	H.R. WASH 1.5 YKS	, , , , , ,	97	e
21 22 23 24 25 26			PRIMER: BITUMENUUS CDATZ: A.F., ROSIN SOAP	ÇOPP FR	1.5 MILS 2.0 MILS	tter tourtho.	OLM 3
21	SMALL CRAFT	NORTH SEA	UNDERWATER BOTTOM SIDES.	SSPC-SP-10 1 YRS		01	* * * * * * * * * * * * * * * * * * * *
29 30 31 32 33 34 35	, , , , ,		PRIMER: BITUMENDUS COATZ: BITUMENDUS COATZ: BITUMENDUS COATZ: A.F., ROSIN SOAP	COPPER	1.5 MILS 3.5 MILS 3.5 MILS 2.0 MILS	CORROSION: &COATING FAILURE: GENERAL APPEARANCE: &FOULING TYPE FUULING:	O% EXCEI SLIMI
36			UNDERWATER BOITOM SIDES				
38 39 40	· :		PRIMER; EPOXY, POLYAMIDE COAT2; ANTIFOULING, COPP	EK	B.O MILS 2,5 MILS	%CORROSION: &COATING FAILURF: .GENERAL APPEARANCE:	1 % 5 % GÖDD
41 42						%FOULING TYPE FOULING:	GRAS!
43			UNDERWATER BUTTOM SIDES				
45 46 47 48 49 50			PRIMER: BITUMENOUS COATZ: BITUMENOUS COATZ: BITUMENOUS COATZ: A.F., ROSIN SOAR				5% 5% EXCEI
52		UNKNOWN	UNDERVATER BOTTOM SIDES	H.P. MASH. 2.0 YRS		.18	. ,
53 54 55 56 57 58	1		PRIMER; BITUMENOUS COATZ: BITUMENOUS COATZ: BITUMENOUS COATZ: A.F., ROSIN SOAP COATZ: A.F., RUSIN SCAP	· COPPER · COPPER	3.0 MILS 3.0 MILS 2.0 MILS 2.0 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE: *FOULING TYPE FOULING:	0% 5% 6000 0%
55 68	!TANK ER	SOUTH PACIFIC	UNDERWATER BOTTOM SIDES	SSPC-SP-10 2.Q YRS			
61 62 63 64 65 65	2.		PRIMER; EPOXY, POLYAPIDE COAT2; EPOXY, POLYAPIDE CCAT3; EPOXY, POLYAPIDE	, , , , , , , , , , , , , , , , , , ,	2.0 MILS 4.0 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	1% 10% FAIR 10% GRAS

AREA: UNDERWATER BOTTOM SIDES

7	AREA: UNDE	RWATER BUTTOM :	SIDES				
10	TYPF OF SHIP	FRADE ROUTE	AR FA / SYSTEM	SUFFACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
i: 1:	DRY CARGO		UNDERWATER BUTTUM SIDES			01	
1			PRIMER: CHLORINATED RUBB COAT2; ANTIFOULING, COPP	ER ERZOR GANCMETAL (Č	3.0 MILS	%CORROSION: %COATING FAILURE; GENERAL APPEARANCE;. %FOULING TYPE FOULING:	10% 10% 6000 1% SHELL
20	BULK		UNDERWATER BOTTOM SIDES				
25 26 26 26			PRIMER: BITUMENOUS (DATE: BITUMENOUS CDATE: A.F., ROSIN SCAP COATE: A.F., ROSIN SCAP				
16			UNDERWATER BOTTOM SIDES				
30 31 4 32 34			PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: A.E., ROSIN SOAP				
36			UNDERWATER BOTTOM SIDES.				
38 39 40 41			PRIMER; BITUMENOUS CHAIZ: BITUMENOUS COATS: A.F., ROSIN SUAR			&FUULING	
44	DRY CARGO	NO. ATLANTIC	UNDERWATER BOTTOM SIDES	H D MACH 1 B VDC		14	
46 47 48 49 50		FAR EAST	PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: A.F., RUSIN SOAP	• COPPER	1.5 MILS 2.0 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: "GENERAL APPEARANCE; #FOULING TYPE FOULING:	0% 10% 6000 10% 60MB.
52 53	SMALL CRAFT	NORTH SEA	UNDERWATER BOTTOM SIDES	SAND SWEEP. 1 YRS	, ,	Q3	* * ****
54 55 56 57 51		•	PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: A.F., ROSIN SOAP	• COPPER	3.0 MILS 3.0 MILS 2.0 MILS	#CORROSION: #COATING FAILURF: GENERAL APPEARANCE: #FOULING TYPE FOULING:	10% 10% 6000 10% GRASS
60		NO. ATLANTIC	UNDERWATER BOTTOM SIDES.	H.P. WASH 1 YRS		Q9	. •
62 63 64 65 66		CARIBBEAN NORTH SEA	PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: A.F., ROSIN SUAP	COPPER	3:0 MILS	GENERAL APPEARANCE: TFOULING	10% 15% FAIR 15% COMB.

$\frac{1}{2}$	AREA; UNDE	RWATER BOTTOM	SIDES	SHIPS PAINTS/COA	TINGS PERFORM	TANCE SUM	MARY				10/14/
11	TYPE OF SHIP	TRADE ROUTE		AL EA/SYSTEM	SURFACE PREPARATION	SYSIFM AGE	FIL		SHIP '	PERFORMANCE EVALUATION	٠.
1	DRY CARGO	NURTH PACIFIC	UNDERWA	TER BOTTOM SIDES	H.P. WASH	1 YRS			21:	•	
1			PRIMER; COAT2;	BITUMENOUS A.F., ROSIN SOAP	COPPER		1.2	MILS MILS	ጄር DRR ጄርበል T GENER	OSION: ING FAILURE: AL APPEARANCE:	5% 15% . GOOQ.
1 1:			,	,	,				TYPE	FOULING:	COMB.
2	LNG	. NO. ATLANTIC	UNDERWA	TER BOITOM SIDES	H.RWASH	1YB\$.	Carper Sone.	er sekan an kan	B Q.	t ma armados a margon es elebras e e e	Commence of the commence of th
2 2 2 2	2 1 1 4	NORTH SEA ENG. CHANNEL	PRIMER; COAT2; COAT3;	BITUMENOUS BITUMENOUS ANTIFOULING, CHLO	BIN. BUBBER.C	CORPER	3.0 3.0 2.0	MILS MILS MILS	ሄርወRR ሄርባል T GENER LOUL TYPE	OSION: ING FAILURE: AL ARPEARANCE; ING FOULING:	13 15% G000 15% GRASS
2	7 ' BULK .	SO. CHINA SEA	UNDERWA	TER BOTTOM SIDES.	SAND SHEEP	. 1 YRS					
+ 33	9 0 1 1 7 2		PRIMER; COA12; COAT3; COAT4;	BITUMENOUS BITUMENOUS A.F., ROSIN SOAR A.F., ROSIN SOAP	·COPPER		2.0	MILS MILS MILS	#CORR #COAT GENER #FOUL	OSION: ING FAILURE: AL APPEARANCE: ING FOULING:	5% 15% 15% 15% COMB.
3	S LATANKER	NO ATLANTIC	UNDERWA	TER BOTTOM.SIDES		UKYBS		, ,	LUK L	garaga da sa sa sa sa sa sa sa sa sa sa sa sa sa	
3 3 4	7 8 , 9	PERSIAN GULF	PRIMER; COA12; CUAT3;	VINYL VINYL VINYL ANTITUULING, CHLO ANTIFOULING, CHLO		•	3.0 3.0 3.0	MILS MILS MILS	∜CORR ∜COAT GENER	OSION: ING FAILURE: AL APPEARANCE:	5% 25% FATR:
4	1		COAT4: CUAT5:	ANTIFUUL ING CHEO ANTIFOULING CHEO	RIN. RUB. ORG RIN. RUB. ORG	ANDMET.	2.0	MILS	TYPE	ING FOULING:	SHELL
4	DRY CARGO	ENG. CHANNEL	UNDERWA	TER BOTTOM SIDES:	LSSRCHS0#10	. 2' YRS.			.02	garan and a second and a second and a second and a second and a second and a second and a second and a second a	e es as e signera.
4 4 4 5 6		, C. H. Maria III II	CCATZ:	ANTIFOULING, COPP.	•					, 13 OC X110 -	JE FIII.
5: 5:	SMALLCRAFT	NU. ATLANTIC	UNDERWA	TER, BOITOM STORS.	H.R	1.5. YB\$.			15	neka in new day in galak yi dewa in galaw dabawa day	n de empedieur
5 5 5 5 5	1	NORTH PACIFIC FAR EAST	PRIMER; COAT2;	BITUMENOUS A.F., ROSIN SDAP	, GOPPER		3.0	MILS	- "E F () () L	OSIOM: ING FAILURE: AL APPEARANCE: ING FUULING:	25%
5	3	PERSIAN GULF	UNDERWA	TER BOTTOM SIDES .	H.P. WASH	1.5 YRS					COMB.
6	1	GULF OF MEX.	PRIMER; COAT2; COAT3;	TER BUTTOM SIDES . BITUMENCUS BITUMENCUS A.E., ROSIN SOAR	COPPER	n we that I saw thin to we	3.0	MILS MILS MILS	*CORR *COAT GENER *FOUL	DSION: ING FAILURF: AL APPEARANCE:	10% 25% FAIR
6									TYPE	FOUL ING:	ĞŔÃSS

AREA: UNDERWATER BUTTOM SIDES

1	AREA: UNDE	RWATER BUILDIN	21062				
1	TYPE OF SHIP		ARFA/SYSTEM	SURCACE SYSTEM PREPARATION AGE	FILM THICK.	SHIP PERFORMANCE AGE EVALUATION	
į	BULK	WORLD WIDE	UNDERWATER BOTTOM SIDES	SSPC-SP-10 1 YRS		01	
1 1: 1:	(5 ' 6 f , , , , , , , , , , , , , , , , , ,		PRIMER: CHEURINATED RUBB CUALZ: CHEURINATED RUBB CUATA: ANTIFOULING CHLO COATA: ANTIFOULING COPP	ER ER RIN. RUBBER COPPER ER OR GANOME 14L LC	3.0 MIL: 3.0 MIL: 3.0 MIL: 3.0 MIL:	5 %CORROSION: 5 %COATING FAILURE: 5 GENERAL APPEARANCE: 6 &FOULING: TYPE FOULING:	0% 25% 6000 1% SHELL
2	DRY CARGO		UNDERWATER BOTTOM SIDES			22 ,	
2: 2: 2: 2:			PRIMER: HITUMENOUS COAI2: HITUMENOUS COAT3: BITUMENOUS COAI4: ANTIFOULING, CHLO	RIN. PUBBER, COPPER	1.2 MILS 1.2 MILS 2.0 MILS	CORROSION: COATING FAILURE: GENERAL APPEARANCE: TYPE FOULING:	25% 25% FAIR 25% SLIME
21	TANKER	NO. ATLANTIC					
30 31 1 32 31) 	MEDITERRANEAN PERSIAN GULF ENG. CHANNEL	UNDERWATER BOTTOM SIDES PRIMER: CHLURINATED RUBB CCAT2: CHLURINATED RUBB COAT3: ANTIFCULING, COPP	ER ER ER/ORGANOMET AL IC	3.0 MILS 3.0 MILS 3.0 MILS	CURROSION: CONTING FAILURE: GENERAL APPEARANCE: REDULING TYPE FOULING:	5% 25% FAIR 25% COMB.
36	TANKER	MEDITERRANGAN	UNDERWATER BOITOM SIDES	SSPC-SP-10 1 YRS		01,	G + L
31 35 46 41			PRIMER: CHLORINATED RUBB COAT2: CHLORINATED RUBB COAT3: ANTIFOULING, COPP			%CORRUSION: %COATING FAILURF: GENERAL APPEARANCE: %FOULING TYPE FOULING:	0% 50% 6000 50% SLIME
45	j	NORLO WIDE	UNDERWATER BOTTOM SIDES			12	ġ
AS)		PRIMER: VINYL TAR COAT2; VINYL TAR COAT3: ANTIFOULING, CHLU COAT4; ANTIFOULING, COPP	RIN. RUB. ORGANOMET. ERZORGANOMETALIC	3.5 MILS 3.5 MILS 2.0 MILS 2.0 MILS	%CORROSION: COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	0% 50% 50% COMB.
	DRY CARGO	WEST INDIES	UNDERWATER BOTTOM SIDES	H.P. WASH 1.5 YRS	•	06	•
54 55 56 51 51		CARIBBEAN	PRIMER: BIJUMENOUS COATZ: A.F., RUSIN SUAP	• COPPER	3.0 MILS	%CORROSION: CONTING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	10% 50% POOR 50% SHELL
50 51	DRY CAPGU	NO. AILANTIC	UNDERWATER BOTTOM SIDES	H.P. WASH 2 YRS		16	
62 63 64 65 67	· •	SO. ATLANTIC MEDITERPANEAN	PRIMER: BITUMENOUS COAT2:	••	12.6 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	1 % 50 % POOR 50 % COMB.
61							

AREA: UNDERWATER BUTTOM SIDES

·		
TRADE ROUTE	AREA/SYSTEM SURFACE SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
NU. ATLANTIC	UNDERWATER BOTTOM SIDES SAND SWEEP 2 YR	S 09
SO. ALLANTIC	PRIMER; BITUMENOUS COAT2; BITUMENOUS COAT3; BITUMENOUS CUAT4; A.F., ROSIN SGAP, COPPER	1.2 MILS %CORROSION: 50% 1.2 MILS %COATING FAILURE: 50% 1.2 MILS GENERAL APPEARANCE: POO 3.0 MILS %FOULING 10% TYPE FOULING: COM
WORLD WIDE	UNDERWATER BOTTOM SIDES H.P. WASH 1.5 YR	S
	PRIMER: BITUMENOUS (DA12: BITUMENOUS CDA13: BITUMENOUS CDA14: A.F., ROSIN SCAP, COPPEK	1.2 MILS %CORROSION: 10% 1.2 MILS %COATING FAILURE: 50% 1.2 MILS GENERAL APPEARANCE: GOO 2.0 MILS %FOULING 50% TYPE FOULING: SLI
SOUTH PACIFIC		
PERSIAN GULF INDIAN OCEAN	PRIMER; ANTIFOULING, CHLORIN, RUBBER, COPPER COAT2;	2.2 MILS "CORROSION: 0% MILS "COATING FAILURE: 50% GENERAL APPEARANCE: GOD "FOULING 50% TYPE FOULING: COM
NIJ. ATLANTIC	UNDERWATER BOITUM SIDES . H.R. WASH . 1 YR	S
ENG. CHANNEL NURTH SLA	PRIMER: BITUMENDUS COPPER/ORGANOMETALIC	1.5 MILS &CORROSION: 0% 3,0 MILS &COATING FAILURE: 50% GENERAL APPEARANCE: GOO EFOULING 50%
	PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: A.F., ROSIN SOAP, COPPER COAT4: A.F., ROSIN SOAP, COPPER	3.0 MILS &CDRROSION: 10% 3.0 MILS &CDATING FAILURE: 50% 2.0 MILS GENERAL APPEARANCE: GOO 2.0 MILS &FOULING 50% TYPE FOULING: SLI
MEDITERRANEAN	HADED LATED BUTTOM CIDER IN D. WACH TE R VO	2 24 .
	PRIMER: BITUMENDUS COATZ: A.F., ROSIN SOAP, GOPPER	1.7 MILS #CORROSION: 10% 2.0 MILS #COATING FAILURE: 75% GENERAL APPEARANCE: POO #FOULING 75%
NO. ATLANTIC	UNDERWATER BUTTOM SIDES -H.P. WASH. 1.5 YR	S 15
	PRIMER: BITUMENOUS COAT2: A.F., ROSIN SOAP, COPPER	THE CONTRACTOR SECURITY OF THE CONTRACTOR SECURI
	TRADE ROUTE NU. ATLANTIC SU. ATLANTIC WORLD WIDE SOUTH PACIFIC PERSIAN GULF INDIAN OCEAN NU. ATLANTIC ENG. CHANNEL NURTH SLA NO. ATLANTIC NORTH SEA MEDITERRANEAN	NU. ATLANTIC UNDERWATER BOTTOM SIDES SAND SHEEP 2 YR SU. AILANTIC PRIMER; BITUMENIUS COAT3: BITUMENIUS COAT4: A.F., ROSIN SGAP, COPPER WORLD WIDE UNDERWATER BOTTOM SIDES H.P. WASH 1.5 YR PRIMER; BITUMENIUS COAT4: A.F., ROSIN SCAP, COPPER SOUTH PACIFIC UNDERWATER BOTTOM SIDES H.P. WASH 1.5 YR PERSIAN GULF PRIMER; ANTIFOULING, CHLORIN. RUBBER, COPPER INDIAN OCEAN NU. AILANTIC UNDERWATER BOTTOM SIDES H.P. WASH 1 YR ENG. CHANNEL PRIMER; BITUMENOUS COAT2; ANTIFOULING, COPPER/OR GAMOMETALIC NO. ATLANTIC UNDERWATER BOTTOM SIDES H.P. WASH 1 YR NORTH SEA PRIMER; BITUMENOUS COAT3: A.F., ROSIN SOAP, COPPER COAT4: A.F., ROSIN SOAP, COPPER MEDITERRANEAN UNDERWATER BOTTOM SIDES H.P. WASH 1.5 YR PRIMER; BITUMENOUS COAT2: A.F., ROSIN SOAP, COPPER MEDITERRANEAN UNDERWATER BOTTOM SIDES H.P. WASH 1.5 YR PRIMER; BITUMENOUS COAT2: A.F., ROSIN SOAP, COPPER

SHIPS PAINTS/COATINGS PERFORMANCE SUMMARY

UNDERMATER ROTLING SIDES ARFA:

4],AREA: UNDE	RWATER BOTTLM	SIDES		•		10714776
:	TYPE 10 UF SHIP	TRADE ROUTE	AR CAZSYS FE M	SUPPACE SYSIEM PREPARATION AGE	THICK.	SHIP PERFORMANCE AGE EVALUATION	
	12 DRY CARGO	NU. ATLANTIC	UNDERWATER BOTTOM SIDES	H.P. WASH 1.5 YRS		. 10	,
	14 15 16 [MEDITERRANEAN	PRIMER: BITUMENDUS COAL2: BITUMENDUS COAL3: A.F., RUSIN SCAP	COPPER	1.7 MILS 3.0 MILS 2.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE; FOULING TYPE FOULING:	75 % 75 % . POOB 10 % SLIME
•	DRY CARGI	UNKNOWN	UNDERWATER BOTTOM SIDES	H.R. WASH. 1.5 YRS		24	
	17		PRIMER: BITUMENDUS CCA12; BITUMENDUS CDAT3: A.F., ROSIN SOAR,	CORPER	1.2 MILS 3.0 MILS	*CORROSION: *COATING FAILURE: GENERAL APPEARANCE: *FOULING TYPE FOULING:	10% 75% FA IR 75% COMB.
	DRY CARGO	FAR EAST.	UNDERWATER BOTTUM SIDES	HARA WASH 1 YRS	n 1 - 4	. 23	er a sak are de e rei
+ 3	0 ; 11 ; 12 ;		UNDERWATER BOTTOM SIDES PRIMER: BITUMENOUS COATS: BITUMENOUS COATS: A.F., RUSIN SDAP,	COPPER	3.0 MILS 1.7 MILS 2.0 MILS	CORROSION: CONTING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	O% 75% FÁÍR 75% COMB.
3	DRY, CARGO .	MO. HICHMITC	DIANERAULER BELLING 21062 "	H.K. WASH I YRS		. 17	7
3		SO. ATLANTIC	PRIMER: BITUMENOUS CDATE: A.F., ROSIN SOAP,	CUPPER	1.5 MILS	CORROSION: COUNTING FAILURE:	5% 75%
	1 2 3	INDIAN DEEAN.	UNDERWATER BUITUM, SIDES	H.P. WASH 1.5. YRS.	, , , , ,	14	SHEEL.
5 5	7 ; 8		COAT 2: ANT I FOUL ING COPPE			TYPE FUULTNU:	5% 75% FAIR 75% GRASS
5:	, DRY . CARGO	WORLD WIDE	UNDERWATER BOTTOM SIDES	H. e. WASIL 1 YRS	. , , .	.16	
5 5; 5; 5 5;	7		PRIMER: ANTIFOULING, COPPE COAT2: ANTIFOULING, COPPE	R/OR GANOMETALIC R/QLGANUMETALIC	3.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	0% 75% FAIR 75% COMB.
61	DRY CARGO	MEDITERRANEAN	UNDERWATER BUTTOM SIDES	HaPa WASH 1 YRS	•	25	
6: 6: 6:	?		PRIMER: A.F., KOSIN SCAP, COAT2;	COPPER	2.0 MILS	#CORRUSION: #COATING FAILURE: GENERAL APPEARANCE; #FOULING	1 0% 75% PUOR
6 6 6	i					TYPE FOULING:	COMB.

AKEA; UNDE	RMATER BUILDIN	21002	
IYPE OF SHIP	TRADE ROUTE	AN FAZSYSTEM SURFACI SYSTEM PREPARATION AGE	FILM SHIP PERFORMANCE THICK. AGE EVALUATION
PORY CARGO	INDIAN OCEAN	UNDERWATER BUTTOM SIDES H.P. WASH 1 YRS	
3 4 5 ' 6 . 7 B	PERSIAN GULF SO. CHINA SFA	PRIMER; BITUMENOUS COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: A.F., ROSIN SUAP, COPPER COAT5: A.F., RUSIN SOAP, COPPER	3.0 MILS %CORROSION: 3.0 MILS &CORROSION: 3.0 MILS &CORROSION: 3.0 MILS &CORROSION: 3.0 MILS &CORROSION: 3.5 MILS &CORROSION: 3.5 MILS &COMB.
TANKER	MEDITERRAHEAN	UNDERWATER BOTTOM SIDES SSPC-SP-10 1 YPS	01
3 3 4 ; 5	IRISH SEA .	PRIMER: CHLORINATED RUBBER COATS: CHLORINATED RUBBER COATS: ANTIFOULING, CHLORIN. RUBBER, COPPER	3.0 MILS %CORROSION: 1% 3.0 MILS %COATING FAILURE: 100% 3.0 MILS GENERAL APPEARANCE: GOOD %FOULING 100% TYPE FOULING: SLIME
DRY CARGO	NO. ATLANTIC	UNDERWATER BOTTOM SIDES SAND SWEEP .1.5 YRS	
3 0 1 2 2 3	CARIBBEAN GULF OF MLX.	PRIMER; VINYL TAR COA12; VINYL TAR CUAT3: A.F., RUSIN SUAP, COPPER	1.5 MILS %CORROSION: 15% 1.5 MILS %COATING FAILURF: 100% 2.0 MILS GENERAL APPEARANCE: FAIR %FOULING 100% TYPE FOULING: COMB.
DRY CARGO	FAR EAST	UNDERWATER BOTTOM SIDES H.P. WASH . 2 YRS	
; 5 0 , 11 2		PRIMER: VINYL TAR COAT2: VINYL TAR COAT3: VINYL TAR COAT4: ANTIFOULING, COPPER/ORGANOMETALIC COAT5: ANTIFOULING, COPPER/ORGANOMETALIC	3.0 MILS **CORROSION: 5% 3.0 MILS **COATING FAILURE: 100* 3.0 MILS GENERAL APPEARANCE: FAIR 2.0 MILS **FOULING 100* 2.0 MILS TYPE FOULING: GRASS
TANKER	CARIBBEAN	UNDERWATER BOTTOM SIDES H.P. WASH 1.5 YRS	
6	GULF UF MEX.	PRIMER; CHLORINATED RUBBER COAT2; ANTIFOULING, CHLORIN, RUBBER, COPPER	2.5 MILS %CORROSION: 50% 2.0 MILS COATING FAILURE: 100% GENERAL APPEARANCE: FAIR %FOULING 100% TYPE FOULING: COMB.
DRY CARGO	SOUTH PACIFIC	UNDERWATER BOTTOM SIDES H.P. WASH 1.5 YRS	.04
3 4 5 6 7	NU. ATLANTIC CARIBBEAN	PRIMER: BITUMENDUS CDA12: BITUMENDUS CDAT3: A.F., ROSIN SDAP, COPPER	1.2 MILS **CORROSION: O** 1.2 MILS **COATING FAILURE: 100** 2.0 MILS GENERAL APPEARANCE: POOR
DRY CARGO	WORLD WIDE	UNDERWATER BOTTOM SIDES H.P. WASH 1 YRS	, 02
2 ' 3 4 5 5 6		PRIMER: CHLORINATED RUBBER COAT2: CHLORINATED RUBBER COAT3: ANTIFOULING, CHLORIN, RUBBER, COPPER	3.0 MILS %CORROSION: 50% 3.0 MILS %COATING FAILURE: 100% 2.0 MILS GENERAL APPEARANCE: POOR %FOULING 100% TYPE FOULING: COMB.

OFFSHURL POWER SYSTEMS / MARAD SHIPS PAINTS/COATINGS PERFURMANCE SUMMARY

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AREA: UNDERWATER BUTTOM STDES

1 17,12,74	Office Market Dorran	41111 4					
TYP OF SI	TRADE	AR EA/SYSTEM	SURFACE : PREPARATION	SYSTEM AGE	FILM THICK.	SHIP PERFURMANCE AGE EVALUATION	
DRY CAR		UNDERWATER BOTTOM SIDES					
14 14 15 : 16 ! 17 18 :		PRIMER; BITUMENDUS COAT2; BITUMENDUS COAT3; A.F., RUSIN SDAR UNDERWATER BOTTOM SIDES	• COPPER		1.2 MILS 1.2 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	1 % 100% 6000 100% SLIME
DRY CAR	GO NO. ATLANTIC	UNDERWATER BOTTOM SIDES	H.P. WASH	1.5 YRS	· //·	03	
24 , 25	SO. ATLANTIC	PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: BITUMENOUS COAT4: A.C., ROSIN SUAP	COPPER		3.0 MILS 3.0 MILS 2.0 MILS 2.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	0* 100* 6000 100*
DRY CAR	GO SOUTH PACIFIC	UNDERWATER BUTTOM SIDES	H.P. WASH .	. 1 YRS		05	
3 1 2 3 3	, ,	PRIMER: BITUMENDUS COAT2: GITUMENDUS COAT3: A.F., ROSIN SOAP	• СОРРЕВ		1.2 MILS 1.2 MILS 2.0 MILS	%CORROSION: %COATING FAILURE: GENERAL APPEARANCE: %FOULING TYPE FOULING:	0% 100% G000 100% SLIME
DRY CAR	GO UNKNOWN .	UNDERNATER BOTTOM SIDES	H.P. WASH 1	L.5 YRS		24	
9 9 0 1		PRIMER: BITUMENOUS COAT2: BITUMENOUS COAT3: A.F., RCSIN SOAP,	COPPER		1.2 MILS 3.0 MILS 2.0 MILS	CCRROSION: CCOATING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	50% 100% POOR 100% SHELL
DRY CAR	GO WORLD WIDE	UNDERWATER BOTTOM SIDES	H.P. WASH	1 YRS		20	
6 7 1 : 9		PRIMER: BITUMENOUS COATZ: BITUMENOUS COATZ: A.F., ROSIN SDAP,	CORPER .	•	3.0 MILS 3.0 MILS 2.0 MILS	#CORROSION: #COATING FAILURE: GENERAL APPEARANCE: #FOULING TYPE FOULING:	0% 100% 6000 100% GRASS
TANKER	WORLD WIDE	UNDERWATER BOITOM SIDES	H-R- WASH	1 YRS		0.7	
4 · · · · · · · · · · · · · · · · · · ·		PRIMER: VINYL TAR COATS: VINYL TAR COATS: VINYL TAR COATS: VINYL TAR COATS: A.F., ROSIN SCAP,	COPPER		2.2 MILS 2.2 MILS 2.2 MILS 2.0 MILS	CCCRROSION: CCCATING FAILURE: GENERAL APPEARANCE: FOULING: TYPE FOULING:	0% 100% PDDR 100% COMB
FERRY	. IRISH SEA	UNDERWATER BOITOM SIDES	H.R. WASH	1 YRS .	2	15	, ,,
2 3 4 5		UNDERWATER BOITOM SIDES PRIMER; CHLORINATED RUBBE COATS: CHLORINATED PUBBE COATS: ANTIFOULING, CHLOR	ER ER KIN. RUBBER.CQ	PPER	3.0 MILS 3.0 MILS 2.0 MILS	CORROSION: CONTING FAILURE: GENERAL APPEARANCE: FOULING TYPE FOULING:	5% 100% FAIR 100% GRASS